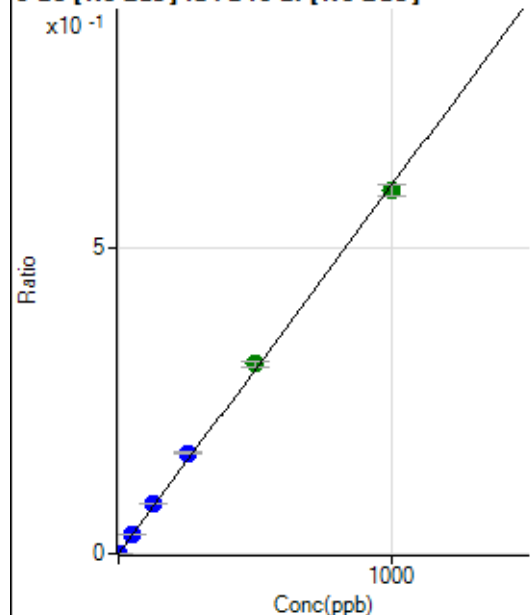


# Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051222 MS.b\  
 Analysis File: P8051222 MS.batch.bin  
 DA Date-Time: 2022-07-25 14:16:03  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2022-05-12 13:19:07 |
| 2     | 006CALS.d          | S02         | 2022-05-12 13:25:16 |
| 3     | 007CALS.d          | S03         | 2022-05-12 13:28:19 |
| 4     | 008CALS.d          | S04         | 2022-05-12 13:31:25 |
| 5     | 009CALS.d          | S05         | 2022-05-12 13:34:29 |
| 6     | 010CALS.d          | S06         | 2022-05-12 13:37:34 |
| 7     | 011CALS.d          | S07         | 2022-05-12 13:40:38 |
| 8     | 012CALS.d          | S08         | 2022-05-12 13:43:43 |

9 Be [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.32      | 0.0000 | P    | 18.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.200      | 2631.06    | 0.0007 | P    | 8.3  |
| 3 | <input type="checkbox"/> | 50.000   | 53.462     | 134090.76  | 0.0321 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 136.671    | 342301.53  | 0.0821 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 273.198    | 697274.18  | 0.1641 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 514.540    | 1358636.78 | 0.3091 | A    | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 985.298    | 2682800.44 | 0.5919 | A    | 3.1  |
| 8 | <input type="checkbox"/> |          |            | 359.94     | 0.0001 | P    | 12.6 |

$$y = 6.0069\text{E-}004 * x + 8.8453\text{E-}006$$

$$R = 0.9995$$

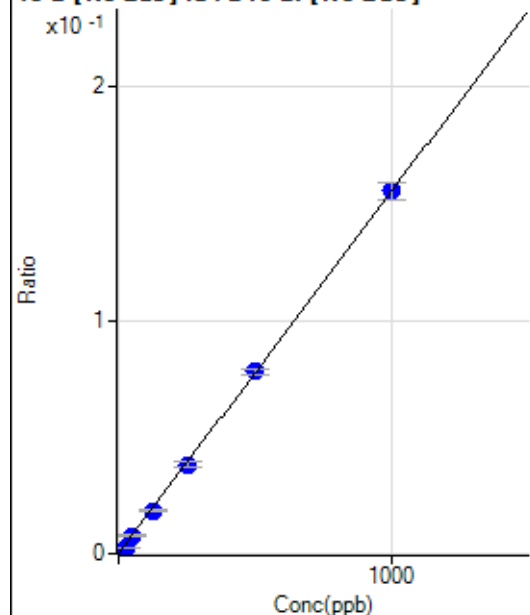
$$DL = 0.008216$$

$$BEC = 0.01473$$

Weight: &lt;None&gt;

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 450.59    | 0.0001 | P    | 5.6  |
| 2 | <input type="checkbox"/> | 25.000   | 14.267     | 8374.11   | 0.0023 | P    | 11.3 |
| 3 | <input type="checkbox"/> | 50.000   | 48.631     | 31960.61  | 0.0077 | P    | 5.8  |
| 4 | <input type="checkbox"/> | 125.000  | 117.502    | 76514.84  | 0.0183 | P    | 4.5  |
| 5 | <input type="checkbox"/> | 250.000  | 246.208    | 162710.78 | 0.0383 | P    | 6.2  |
| 6 | <input type="checkbox"/> | 500.000  | 501.324    | 342609.08 | 0.0779 | P    | 3.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.560   | 705014.55 | 0.1555 | P    | 5.0  |
| 8 | <input type="checkbox"/> |          |            | 55038.61  | 0.0132 | P    | 6.1  |

$$y = 1.5518\text{E-}004 * x + 1.1302\text{E-}004$$

$$R = 0.9999$$

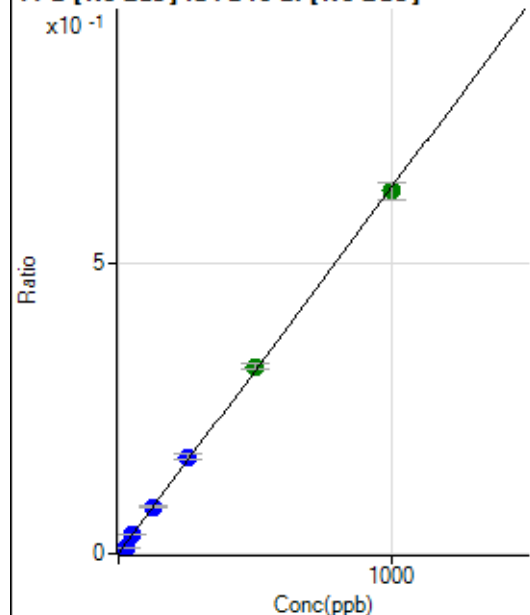
$$DL = 0.1215$$

$$BEC = 0.7283$$

Weight: &lt;None&gt;

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1852.42    | 0.0005 | P    | 3.4  |
| 2 | <input type="checkbox"/> | 25.000   | 14.987     | 35662.66   | 0.0099 | P    | 11.9 |
| 3 | <input type="checkbox"/> | 50.000   | 52.105     | 138989.78  | 0.0333 | P    | 6.8  |
| 4 | <input type="checkbox"/> | 125.000  | 126.594    | 334751.00  | 0.0803 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 250.000  | 263.104    | 706303.28  | 0.1663 | P    | 6.0  |
| 6 | <input type="checkbox"/> | 500.000  | 511.189    | 1419169.21 | 0.3227 | A    | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.075    | 2833667.11 | 0.6253 | A    | 5.1  |
| 8 | <input type="checkbox"/> |          |            | 238223.07  | 0.0571 | P    | 7.6  |

$$y = 6.3043E-004 * x + 4.6439E-004$$

$$R = 0.9997$$

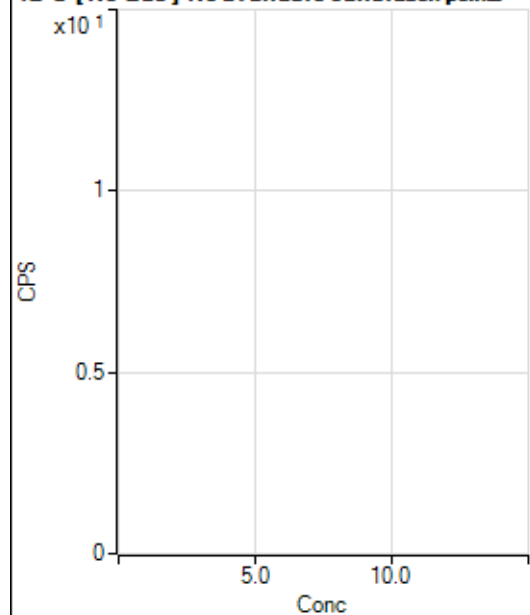
$$DL = 0.07498$$

$$BEC = 0.7366$$

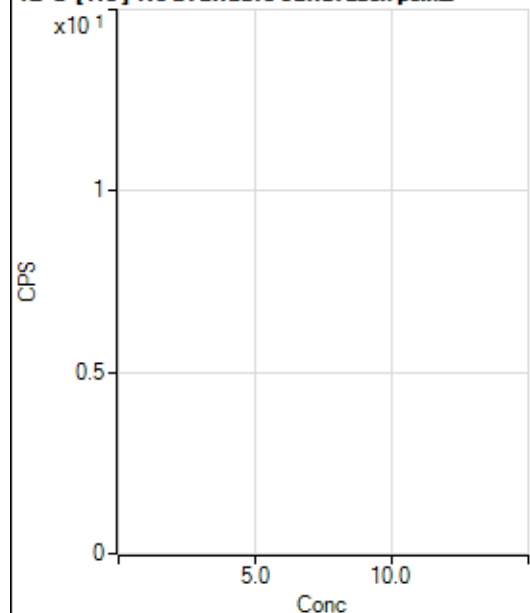
Weight: &lt;None&gt;

Min Conc: 0

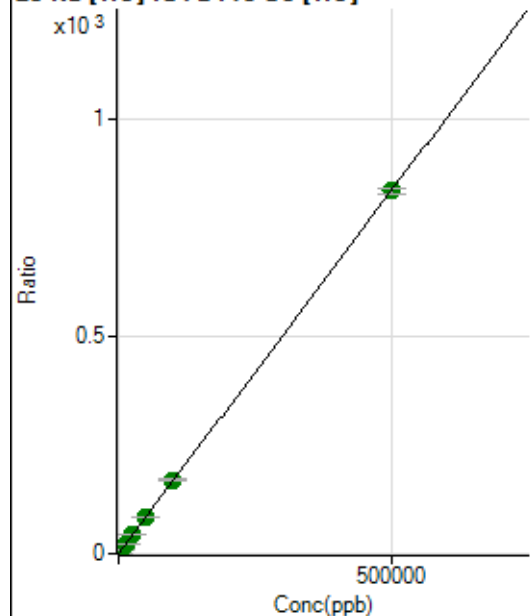
12 C [No Gas] No available calibration points



|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 5254602.98 |       | A    | 4.0 |
| 2 | <input type="checkbox"/> |       |            | 5328440.57 |       | A    | 3.9 |
| 3 | <input type="checkbox"/> |       |            | 5934327.69 |       | A    | 1.2 |
| 4 | <input type="checkbox"/> |       |            | 6536820.24 |       | A    | 0.4 |
| 5 | <input type="checkbox"/> |       |            | 6723873.33 |       | A    | 0.8 |
| 6 | <input type="checkbox"/> |       |            | 7350999.30 |       | A    | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 7688300.60 |       | A    | 0.7 |
| 8 | <input type="checkbox"/> |       |            | 6712639.87 |       | A    | 1.8 |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 56057.92 |       | P        | 1.5 |
| 2 | <input type="checkbox"/> |       |            | 57368.03 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 64996.89 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> |       |            | 74447.50 |       | P        | 2.2 |
| 5 | <input type="checkbox"/> |       |            | 75218.47 |       | P        | 1.7 |
| 6 | <input type="checkbox"/> |       |            | 83980.00 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> |       |            | 90523.59 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> |       |            | 81696.95 |       | P        | 1.5 |

**23 Na [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 11043.34    | 0.0609   | P        | 2.2 |
| 2 | <input type="checkbox"/> | 500.000   | 456.361    | 149879.96   | 0.8239   | P        | 1.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 4999.513   | 1572899.80  | 8.4200   | A        | 3.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 12615.346  | 3888234.55  | 21.1536  | A        | 3.1 |
| 5 | <input type="checkbox"/> | 25000.000 | 26105.425  | 7863552.09  | 43.7089  | A        | 1.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 50699.044  | 15207772.04 | 84.8292  | A        | 1.7 |
| 7 | <input type="checkbox"/> | 100000.00 | 101538.28  | 31330876.39 | 169.8319 | A        | 4.0 |
| 8 | <input type="checkbox"/> | 500000.00 | 499564.33  | 153619675.6 | 835.3275 | A        | 1.4 |

$$y = 0.0017 * x + 0.0609$$

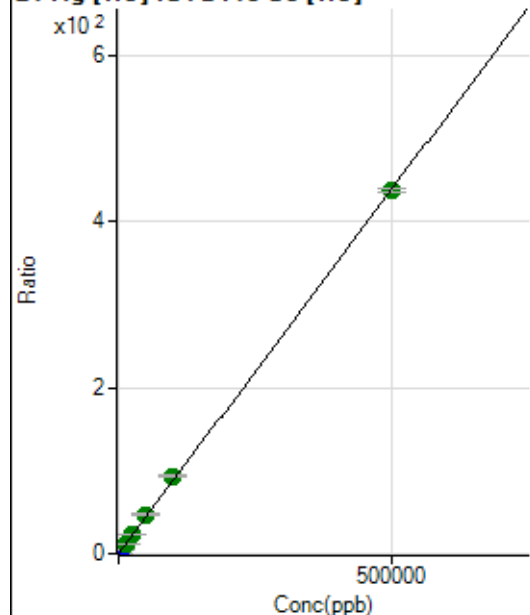
$$R = 1.0000$$

$$DL = 2.356$$

$$BEC = 36.42$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 294.46      | 0.0016   | P        | 9.6 |
| 2 | <input type="checkbox"/> | 500.000   | 484.883    | 77738.86    | 0.4273   | P        | 1.8 |
| 3 | <input type="checkbox"/> | 5000.000  | 5081.382   | 833672.99   | 4.4626   | P        | 2.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 13245.136  | 2137625.01  | 11.6296  | A        | 3.1 |
| 5 | <input type="checkbox"/> | 25000.000 | 27256.142  | 4304846.06  | 23.9299  | A        | 1.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 53975.662  | 8495429.10  | 47.3870  | A        | 2.7 |
| 7 | <input type="checkbox"/> | 100000.00 | 106270.33  | 17213861.84 | 93.2967  | A        | 2.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 498216.13  | 80440724.71 | 437.3873 | A        | 1.1 |

$$y = 8.7790\text{E-}004 * x + 0.0016$$

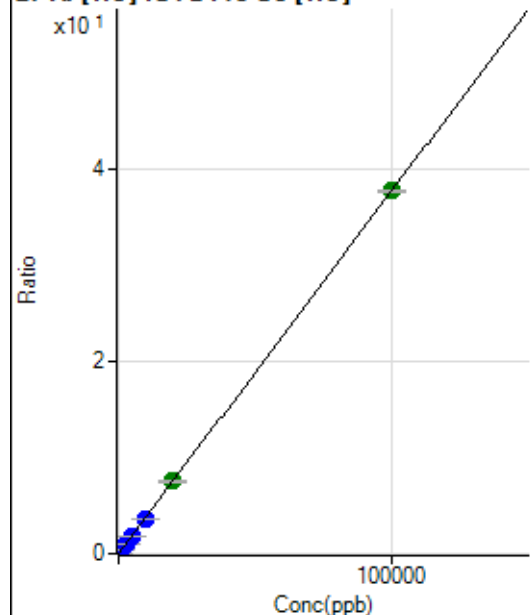
$$R = 0.9999$$

$$DL = 0.5308$$

$$BEC = 1.849$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 72.91      | 0.0004  | P        | 26.1 |
| 2 | <input type="checkbox"/> | 20.000    | 17.987     | 1309.48    | 0.0072  | P        | 2.3  |
| 3 | <input type="checkbox"/> | 1000.000  | 944.171    | 66732.98   | 0.3572  | P        | 0.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2398.322   | 166660.30  | 0.9067  | P        | 0.3  |
| 5 | <input type="checkbox"/> | 5000.000  | 4894.564   | 332805.81  | 1.8499  | P        | 1.4  |
| 6 | <input type="checkbox"/> | 10000.000 | 9602.300   | 650557.13  | 3.6288  | P        | 0.9  |
| 7 | <input type="checkbox"/> | 20000.000 | 19965.739  | 1392115.30 | 7.5449  | A        | 2.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100054.99  | 6953246.01 | 37.8083 | A        | 0.3  |

$$y = 3.7787\text{E-}004 * x + 4.0182\text{E-}004$$

$$R = 1.0000$$

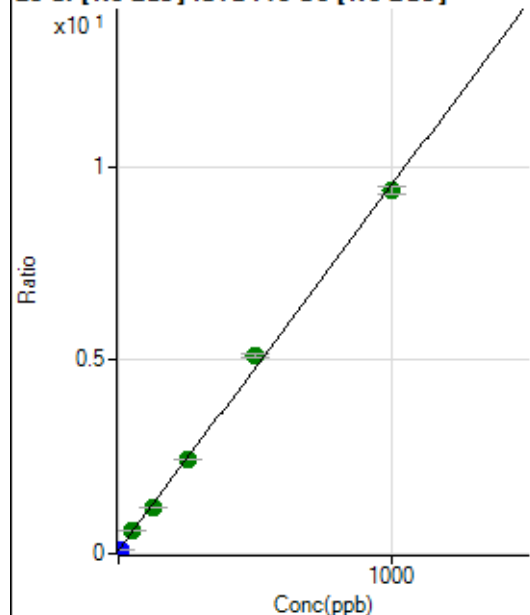
$$DL = 0.8317$$

$$BEC = 1.063$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [No Gas] ISTD:45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 420677.78   | 0.0853 | P   | 1.0  |
| 2 | <input type="checkbox"/> | 10.000   | 2.751      | 495284.03   | 0.1113 | P   | 11.4 |
| 3 | <input type="checkbox"/> | 50.000   | 53.454     | 2991707.77  | 0.5898 | A   | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 116.504    | 5954319.62  | 1.1848 | A   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 248.536    | 12375212.26 | 2.4308 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 533.636    | 26014756.31 | 5.1213 | A   | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 984.510    | 49144714.99 | 9.3763 | A   | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 919591.38   | 0.1818 | M   | 9.3  |

$$y = 0.0094 * x + 0.0853$$

$$R = 0.9991$$

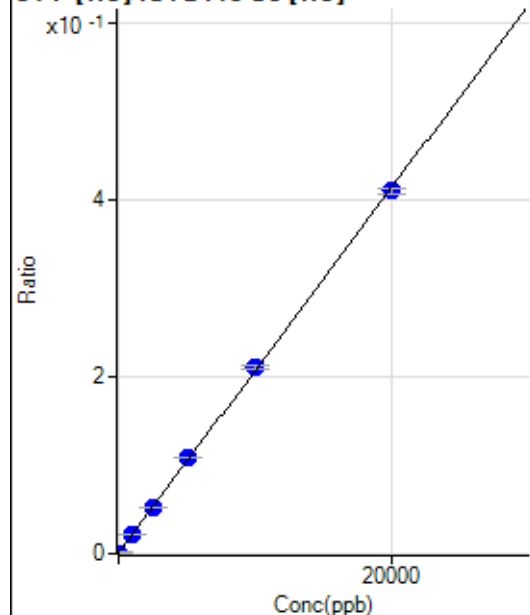
$$DL = 0.2842$$

$$BEC = 9.04$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [He] ISTD:45 Sc [He]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -12.909    | 100.00   | 0.0006 | P   | 8.3  |
| 2 | <input type="checkbox"/> | 0.000     | 12.909     | 197.23   | 0.0011 | P   | 13.3 |
| 3 | <input type="checkbox"/> | 1000.000  | 1004.687   | 4022.89  | 0.0215 | P   | 6.4  |
| 4 | <input type="checkbox"/> | 2500.000  | 2489.462   | 9586.73  | 0.0522 | P   | 3.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 5218.887   | 19510.79 | 0.1084 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 10226.662  | 37955.96 | 0.2117 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 20000.000 | 19833.030  | 75620.62 | 0.4098 | P   | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 172.23   | 0.0009 | P   | 19.9 |

$$y = 2.0623E-005 * x + 8.1764E-004$$

$$R = 0.9998$$

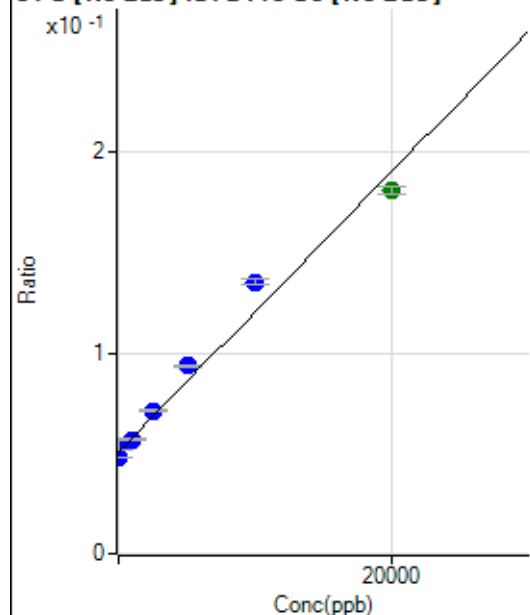
$$DL = 13.79$$

$$BEC = 39.65$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -427.959   | 235730.15 | 0.0478 | P   | 1.2 |
| 2 | <input type="checkbox"/> | 0.000     | 427.959    | 239677.85 | 0.0538 | P   | 9.3 |
| 3 | <input type="checkbox"/> | 1000.000  | 858.599    | 288060.16 | 0.0568 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2915.925   | 357557.57 | 0.0711 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 5000.000  | 6138.926   | 476697.66 | 0.0936 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 10000.000 | 12110.455  | 687366.29 | 0.1353 | P   | 1.9 |
| 7 | <input type="checkbox"/> | 20000.000 | 18615.120  | 947152.51 | 0.1807 | A   | 2.3 |
| 8 | <input type="checkbox"/> |           |            | 214858.02 | 0.0425 | P   | 1.4 |

$$y = 6.9792E-006 * x + 0.0508$$

R = 0.9882

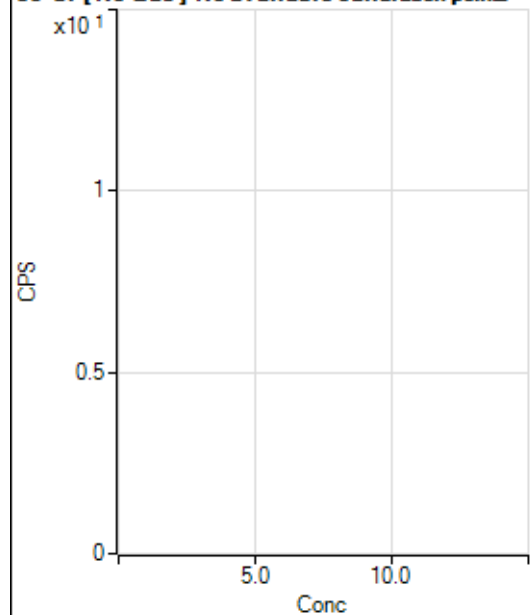
DL = 1205

BEC = 7278

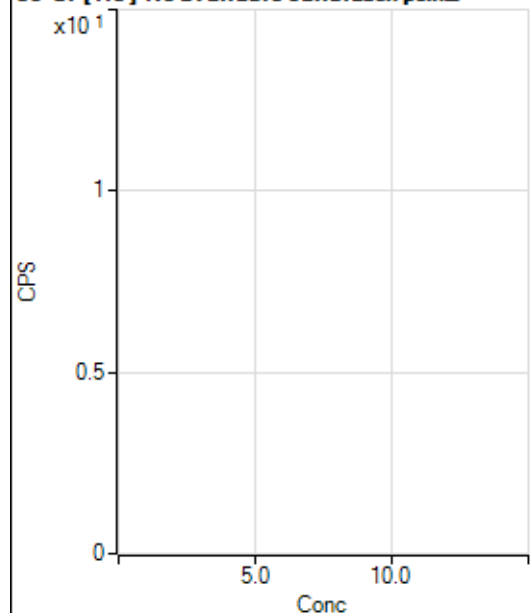
Weight: &lt;None&gt;

Min Conc: 0

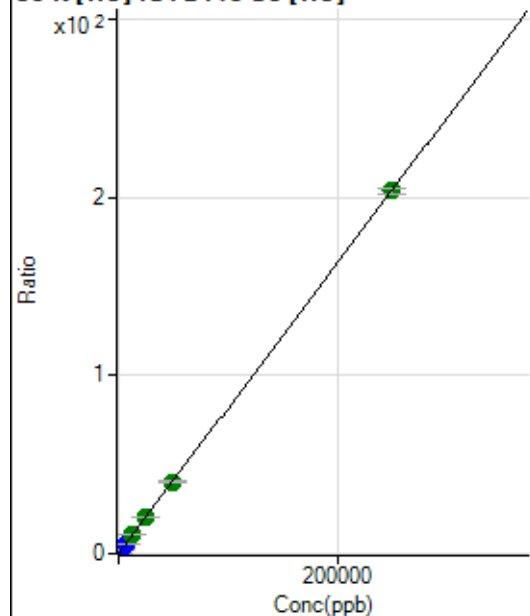
35 Cl [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----------|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            | 165621.35 |       | P   | 1.0 |
| 2 | <input type="checkbox"/> |       |            | 152851.72 |       | P   | 1.6 |
| 3 | <input type="checkbox"/> |       |            | 166795.79 |       | P   | 0.8 |
| 4 | <input type="checkbox"/> |       |            | 180661.94 |       | P   | 0.2 |
| 5 | <input type="checkbox"/> |       |            | 162166.55 |       | P   | 1.6 |
| 6 | <input type="checkbox"/> |       |            | 146441.48 |       | P   | 0.6 |
| 7 | <input type="checkbox"/> |       |            | 160708.70 |       | P   | 1.1 |
| 8 | <input type="checkbox"/> |       |            | 154414.56 |       | P   | 0.8 |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|---------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 1805.72 |       | P   | 7.1  |
| 2 | <input type="checkbox"/> |       |            | 1536.23 |       | P   | 1.9  |
| 3 | <input type="checkbox"/> |       |            | 1672.37 |       | P   | 8.1  |
| 4 | <input type="checkbox"/> |       |            | 1822.38 |       | P   | 1.8  |
| 5 | <input type="checkbox"/> |       |            | 1580.69 |       | P   | 8.0  |
| 6 | <input type="checkbox"/> |       |            | 1355.66 |       | P   | 17.5 |
| 7 | <input type="checkbox"/> |       |            | 1561.23 |       | P   | 1.1  |
| 8 | <input type="checkbox"/> |       |            | 1514.01 |       | P   | 10.4 |

**39 K [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19188.21    | 0.1058   | P   | 0.2 |
| 2 | <input type="checkbox"/> | 500.000   | 467.460    | 88454.36    | 0.4862   | P   | 1.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2456.718   | 393292.00   | 2.1050   | P   | 0.9 |
| 4 | <input type="checkbox"/> | 6250.000  | 6144.535   | 938581.49   | 5.1061   | P   | 1.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12870.296  | 1902881.27  | 10.5795  | A   | 3.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 24953.839  | 3659529.03  | 20.4129  | A   | 1.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 49485.345  | 7450874.04  | 40.3762  | A   | 0.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 250092.16  | 37447635.91 | 203.6270 | A   | 1.4 |

$$y = 8.1378\text{E-}004 * x + 0.1058$$

$$R = 1.0000$$

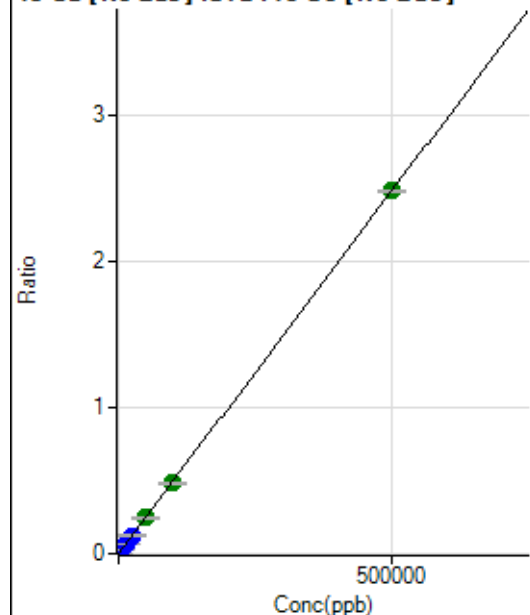
$$DL = 0.9655$$

$$BEC = 130$$

Weight: &lt;None&gt;

Min Conc: 0



**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 234.14      | 0.0000 | P   | 7.9 |
| 2 | <input type="checkbox"/> | 500.000   | 519.310    | 11686.63    | 0.0026 | P   | 9.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 4955.540   | 124901.28   | 0.0246 | P   | 2.0 |
| 4 | <input type="checkbox"/> | 12500.000 | 12603.455  | 314375.17   | 0.0625 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 25169.300  | 635647.42   | 0.1249 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 49155.962  | 1238721.15  | 0.2438 | A   | 2.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 97525.072  | 2535435.45  | 0.4837 | A   | 1.7 |
| 8 | <input type="checkbox"/> | 500000.00 | 500568.76  | 12561245.38 | 2.4824 | A   | 0.8 |

$$y = 4.9591\text{E-}006 * x + 4.7469\text{E-}005$$

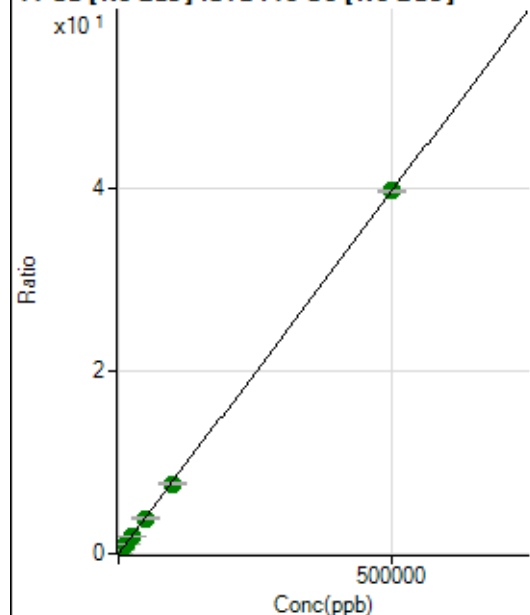
$$R = 1.0000$$

$$DL = 2.276$$

$$BEC = 9.572$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6893.73     | 0.0014  | P   | 0.5 |
| 2 | <input type="checkbox"/> | 500.000   | 524.777    | 191814.67   | 0.0430  | P   | 9.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 5012.108   | 2024699.17  | 0.3991  | A   | 0.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 12633.733  | 5043323.24  | 1.0038  | A   | 3.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 24917.161  | 10071495.87 | 1.9784  | A   | 1.8 |
| 6 | <input type="checkbox"/> | 50000.000 | 48769.484  | 19665525.59 | 3.8709  | A   | 2.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 96735.889  | 40241368.64 | 7.6767  | A   | 1.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 500776.52  | 201054951.7 | 39.7346 | A   | 0.8 |

$$y = 7.9343\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

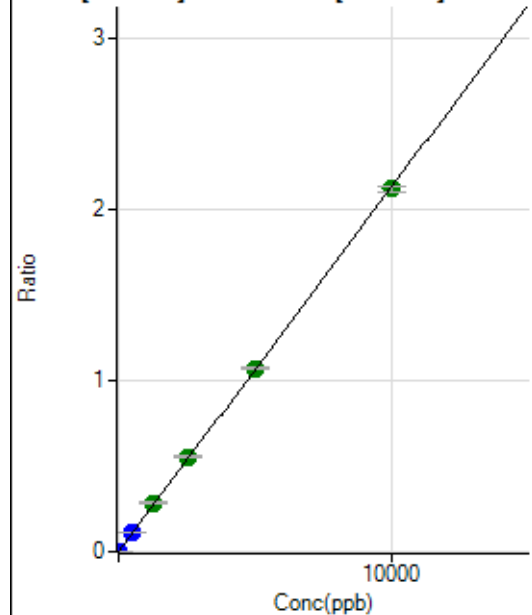
$$DL = 0.2632$$

$$BEC = 17.62$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 222.23      | 0.0000 | P   | 11.7 |
| 2 | <input type="checkbox"/> | 5.000     | 5.681      | 5590.12     | 0.0013 | P   | 9.7  |
| 3 | <input type="checkbox"/> | 500.000   | 522.156    | 564198.81   | 0.1112 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1324.912   | 1417349.56  | 0.2821 | A   | 4.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2607.347   | 2826147.20  | 0.5552 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5021.550   | 5431837.92  | 1.0692 | A   | 1.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9951.916   | 11106679.85 | 2.1189 | A   | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 2186.34     | 0.0004 | P   | 15.0 |

$$y = 2.1291\text{E-}004 * x + 4.5076\text{E-}005$$

$$R = 0.9999$$

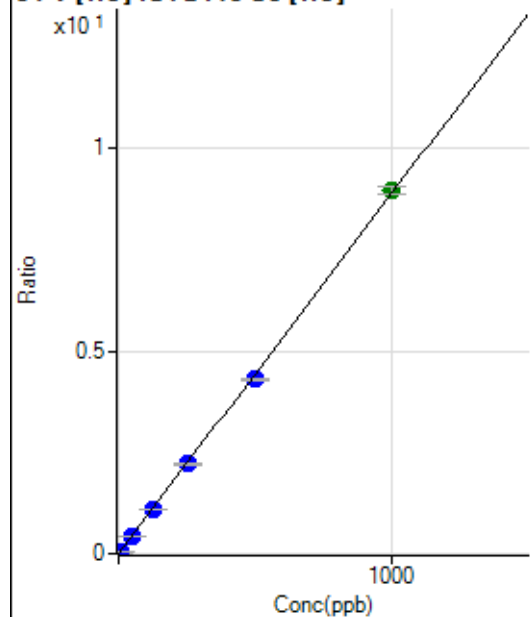
$$DL = 0.07458$$

$$BEC = 0.2117$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.66       | 0.0000 | P   | 86.4 |
| 2 | <input type="checkbox"/> | 5.000    | 4.679      | 7557.62    | 0.0415 | P   | 2.9  |
| 3 | <input type="checkbox"/> | 50.000   | 48.554     | 80464.87   | 0.4307 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 123.044    | 200620.10  | 1.0914 | P   | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 248.888    | 397130.79  | 2.2077 | P   | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 484.924    | 771112.58  | 4.3013 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.134   | 1650104.58 | 8.9422 | A   | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 432.23     | 0.0023 | P   | 11.7 |

$$y = 0.0089 * x + 3.6697\text{E-}005$$

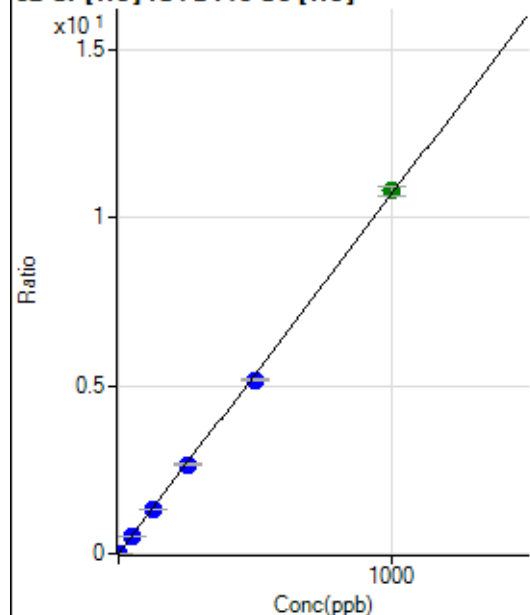
$$R = 0.9998$$

$$DL = 0.01073$$

$$BEC = 0.004137$$

Weight: &lt;None&gt;

Min Conc: 0

**52 Cr [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 857.81     | 0.0047  | P        | 5.3 |
| 2 | <input type="checkbox"/> | 2.000    | 1.853      | 4458.52    | 0.0245  | P        | 2.8 |
| 3 | <input type="checkbox"/> | 50.000   | 48.725     | 98064.71   | 0.5249  | P        | 1.7 |
| 4 | <input type="checkbox"/> | 125.000  | 123.497    | 243225.05  | 1.3232  | P        | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 247.600    | 476406.87  | 2.6481  | P        | 1.7 |
| 6 | <input type="checkbox"/> | 500.000  | 482.375    | 924098.66  | 5.1546  | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.665   | 1989681.48 | 10.7840 | A        | 2.5 |
| 8 | <input type="checkbox"/> |          |            | 18577.74   | 0.1010  | P        | 1.8 |

$$y = 0.0107 * x + 0.0047$$

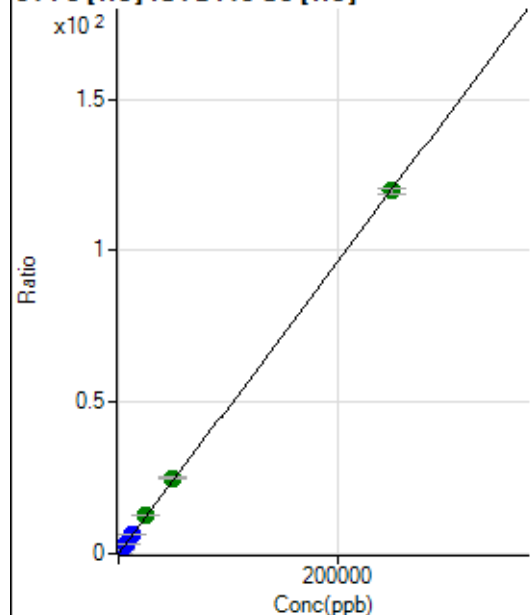
$$R = 0.9998$$

$$DL = 0.06995$$

$$BEC = 0.4431$$

Weight: &lt;None&gt;

Min Conc: 0

**54 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 596.32      | 0.0033   | P        | 3.5 |
| 2 | <input type="checkbox"/> | 50.000    | 51.814     | 5123.23     | 0.0282   | P        | 6.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2560.631   | 230220.26   | 1.2322   | P        | 0.9 |
| 4 | <input type="checkbox"/> | 6250.000  | 6403.041   | 565482.37   | 3.0764   | P        | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12955.389  | 1119121.99  | 6.2211   | P        | 2.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 26844.076  | 2310270.31  | 12.8869  | A        | 0.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 51982.631  | 4603764.16  | 24.9519  | A        | 2.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 249391.86  | 22012470.17 | 119.6969 | A        | 1.3 |

$$y = 4.7994E-004 * x + 0.0033$$

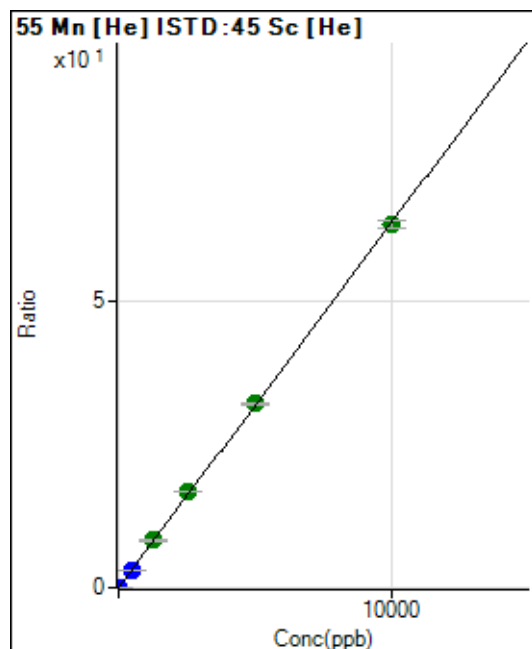
$$R = 0.9999$$

$$DL = 0.7274$$

$$BEC = 6.851$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 53.33       | 0.0003  | P    | 16.8 |
| 2 | <input type="checkbox"/> | 1.000     | 0.938      | 1137.84     | 0.0063  | P    | 8.2  |
| 3 | <input type="checkbox"/> | 500.000   | 491.552    | 583978.31   | 3.1259  | P    | 1.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1300.217   | 1519823.23  | 8.2678  | A    | 1.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2632.895   | 3011864.95  | 16.7417 | A    | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5037.450   | 5742332.83  | 32.0312 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9942.197   | 11664365.94 | 63.2183 | A    | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 6405.95     | 0.0348  | P    | 4.5  |

$$y = 0.0064 * x + 2.9418E-004$$

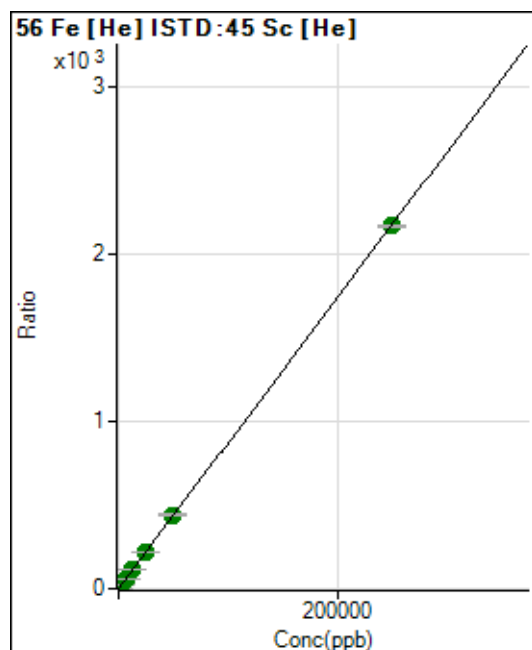
$$R = 0.9999$$

$$DL = 0.02335$$

$$BEC = 0.04627$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4899.07     | 0.0270   | P    | 4.7 |
| 2 | <input type="checkbox"/> | 50.000    | 48.386     | 81472.41    | 0.4479   | P    | 1.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2655.589   | 4320816.27  | 23.1256  | A    | 1.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6592.206   | 10545078.36 | 57.3666  | A    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 13326.205  | 20857133.10 | 115.9395 | A    | 1.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 25689.575  | 40063563.86 | 223.4771 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50862.822  | 81626290.71 | 442.4362 | A    | 3.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 249707.05  | 399442264.4 | 2172.000 | A    | 0.5 |

$$y = 0.0087 * x + 0.0270$$

$$R = 1.0000$$

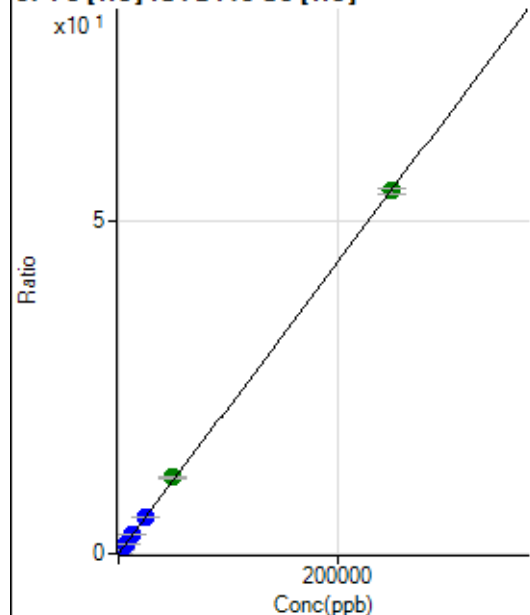
$$DL = 0.4409$$

$$BEC = 3.105$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 192.60      | 0.0011  | P   | 9.5 |
| 2 | <input type="checkbox"/> | 50.000    | 47.673     | 2085.38     | 0.0115  | P   | 7.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2525.655   | 103182.44   | 0.5523  | P   | 2.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 6308.093   | 253263.88   | 1.3778  | P   | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12861.437  | 505180.48   | 2.8081  | P   | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24734.007  | 967928.22   | 5.3992  | P   | 1.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 52316.056  | 2107122.03  | 11.4190 | A   | 2.9 |
| 8 | <input type="checkbox"/> | 250000.00 | 249543.60  | 10015951.27 | 54.4638 | A   | 1.4 |

$$y = 2.1825E-004 * x + 0.0011$$

$$R = 0.9999$$

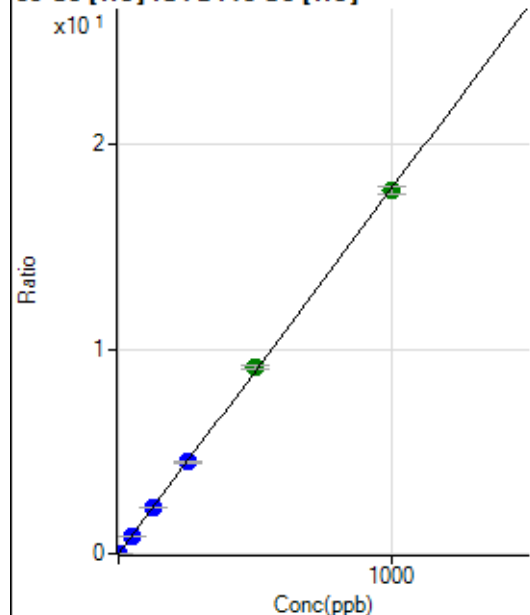
$$DL = 1.394$$

$$BEC = 4.867$$

Weight: &lt;None&gt;

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.89      | 0.0003  | P   | 28.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.969      | 3202.62    | 0.0176  | P   | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 49.383     | 164536.66  | 0.8807  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 124.791    | 408975.23  | 2.2249  | P   | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 250.562    | 803592.68  | 4.4670  | P   | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 511.860    | 1635890.13 | 9.1251  | A   | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.986    | 3270278.08 | 17.7199 | A   | 2.3  |
| 8 | <input type="checkbox"/> |          |            | 8753.88    | 0.0476  | P   | 2.4  |

$$y = 0.0178 * x + 3.2468E-004$$

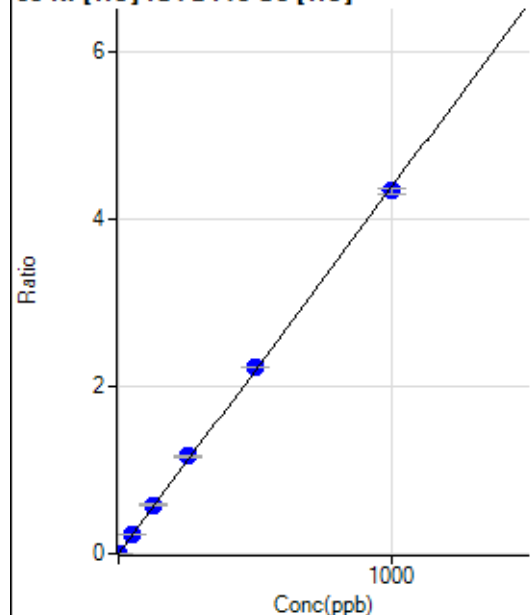
$$R = 0.9999$$

$$DL = 0.0155$$

$$BEC = 0.01821$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 42.22     | 0.0002 | P        | 32.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.997      | 837.81    | 0.0046 | P        | 4.4  |
| 3 | <input type="checkbox"/> | 50.000   | 53.072     | 43501.01  | 0.2329 | P        | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 132.575    | 106855.95 | 0.5813 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 265.033    | 209003.83 | 1.1619 | P        | 2.8  |
| 6 | <input type="checkbox"/> | 500.000  | 510.359    | 401073.76 | 2.2372 | P        | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.962    | 800708.75 | 4.3394 | P        | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 6859.50   | 0.0373 | P        | 0.6  |

$$y = 0.0044 * x + 2.3304E-004$$

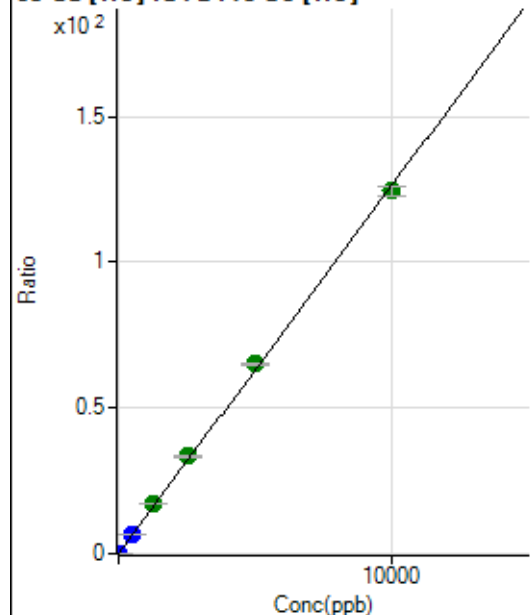
$$R = 0.9998$$

$$DL = 0.05163$$

$$BEC = 0.05317$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 513.35      | 0.0028   | P        | 4.4 |
| 2 | <input type="checkbox"/> | 2.000     | 2.031      | 5179.89     | 0.0285   | P        | 1.9 |
| 3 | <input type="checkbox"/> | 500.000   | 513.424    | 1211285.33  | 6.4839   | P        | 1.8 |
| 4 | <input type="checkbox"/> | 1250.000  | 1350.837   | 3134964.29  | 17.0548  | A        | 1.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2644.369   | 6005901.09  | 33.3835  | A        | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5172.570   | 11706108.02 | 65.2977  | A        | 0.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 9864.347   | 22974183.55 | 124.5234 | A        | 2.8 |
| 8 | <input type="checkbox"/> |           |            | 8246.93     | 0.0448   | P        | 6.2 |

$$y = 0.0126 * x + 0.0028$$

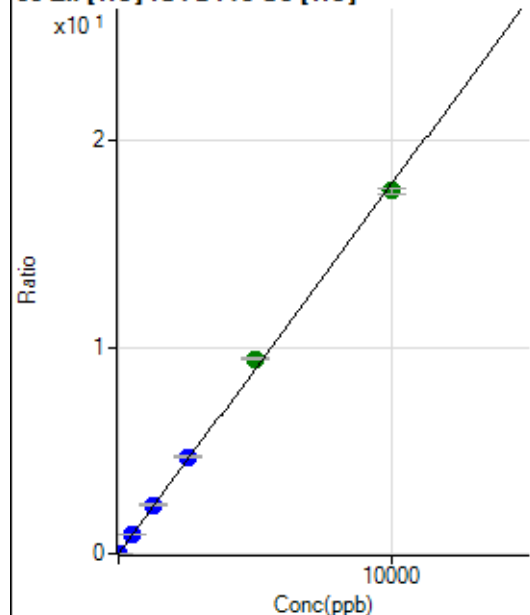
$$R = 0.9996$$

$$DL = 0.02929$$

$$BEC = 0.2242$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [He] ISTD: <sup>45</sup>Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 104.45     | 0.0006  | P    | 29.1 |
| 2 | <input type="checkbox"/> | 2.000     | 2.072      | 778.92     | 0.0043  | P    | 7.7  |
| 3 | <input type="checkbox"/> | 500.000   | 516.844    | 172807.53  | 0.9249  | P    | 0.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1325.019   | 435683.99  | 2.3702  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2605.473   | 838326.18  | 4.6601  | P    | 2.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 5282.869   | 1693800.46 | 9.4482  | A    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9821.977   | 3241352.66 | 17.5658 | A    | 1.5  |
| 8 | <input type="checkbox"/> |           |            | 5849.04    | 0.0318  | P    | 6.0  |

$$y = 0.0018 * x + 5.7613E-004$$

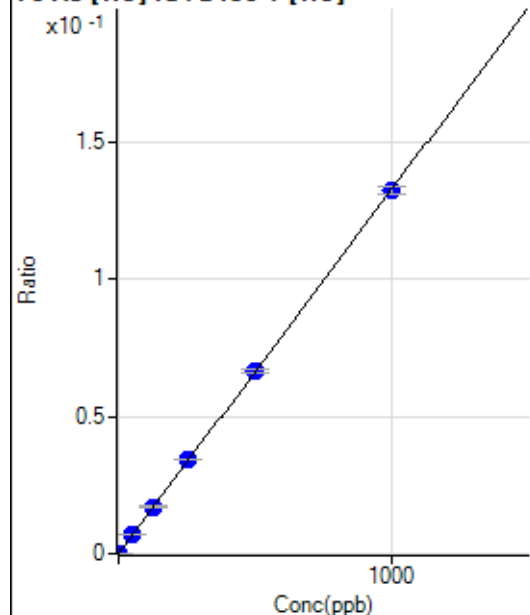
$$R = 0.9993$$

$$DL = 0.2809$$

$$BEC = 0.3222$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>75</sup>As [He] ISTD: <sup>89</sup>Y [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.00      | 0.0000 | P    | 41.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.025      | 213.02    | 0.0001 | P    | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.030     | 10662.43  | 0.0069 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 128.184    | 26174.10  | 0.0170 | P    | 3.5  |
| 5 | <input type="checkbox"/> | 250.000  | 258.735    | 51474.60  | 0.0343 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 501.316    | 98657.57  | 0.0665 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.659    | 199046.28 | 0.1322 | P    | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 86.01     | 0.0001 | P    | 9.6  |

$$y = 1.3263E-004 * x + 3.3080E-006$$

$$R = 1.0000$$

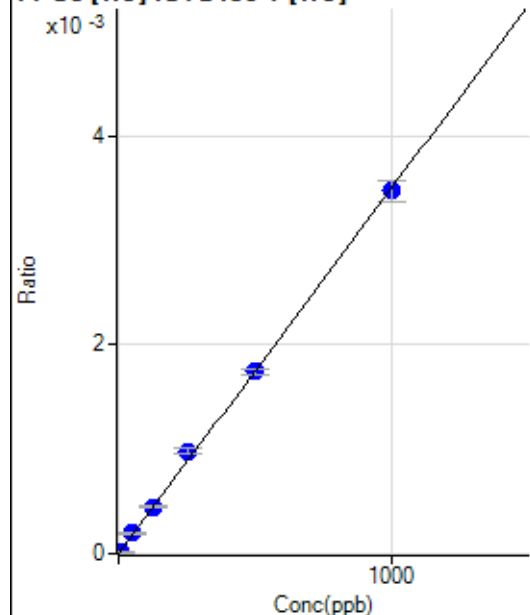
$$DL = 0.03066$$

$$BEC = 0.02494$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P   |      |
| 2 | <input type="checkbox"/> | 5.000    | 3.756      | 20.00   | 0.0000 | P   | 73.5 |
| 3 | <input type="checkbox"/> | 50.000   | 55.769     | 301.12  | 0.0002 | P   | 6.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.332    | 691.14  | 0.0004 | P   | 4.6  |
| 5 | <input type="checkbox"/> | 250.000  | 279.442    | 1464.54 | 0.0010 | P   | 5.6  |
| 6 | <input type="checkbox"/> | 500.000  | 498.314    | 2584.70 | 0.0017 | P   | 3.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.784    | 5223.25 | 0.0035 | P   | 5.7  |
| 8 | <input type="checkbox"/> |          |            | 5.56    | 0.0000 | P   | 92.2 |

$$y = 3.4957\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

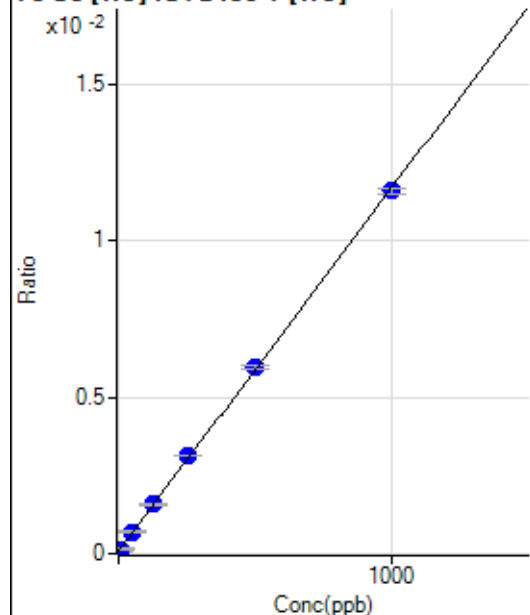
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 123.01   | 0.0001 | P   | 6.7  |
| 2 | <input type="checkbox"/> | 5.000    | 5.915      | 229.02   | 0.0001 | P   | 5.8  |
| 3 | <input type="checkbox"/> | 50.000   | 52.844     | 1071.48  | 0.0007 | P   | 4.6  |
| 4 | <input type="checkbox"/> | 125.000  | 130.128    | 2447.80  | 0.0016 | P   | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 262.625    | 4688.92  | 0.0031 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 507.354    | 8848.67  | 0.0060 | P   | 2.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.379    | 17449.55 | 0.0116 | P   | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 123.01   | 0.0001 | P   | 11.4 |

$$y = 1.1595\text{E-}005 * x + 8.1247\text{E-}005$$

$$R = 0.9999$$

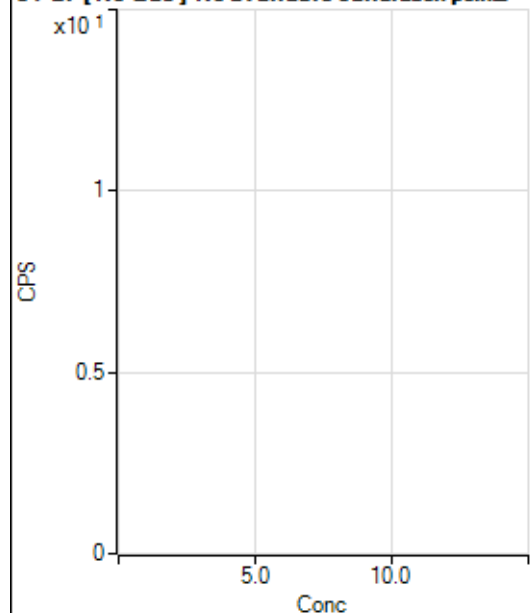
$$DL = 1.418$$

$$BEC = 7.007$$

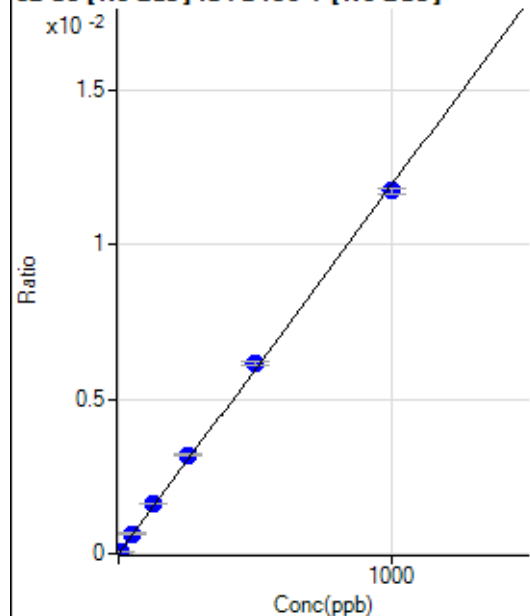
Weight: &lt;None&gt;

Min Conc: 0



**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 37988.16 |       | P        | 4.3 |
| 2 | <input type="checkbox"/> |       |            | 39490.05 |       | P        | 5.9 |
| 3 | <input type="checkbox"/> |       |            | 38570.54 |       | P        | 5.6 |
| 4 | <input type="checkbox"/> |       |            | 38854.28 |       | P        | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 37452.88 |       | P        | 5.0 |
| 6 | <input type="checkbox"/> |       |            | 34779.51 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> |       |            | 35134.33 |       | P        | 2.5 |
| 8 | <input type="checkbox"/> |       |            | 37739.97 |       | P        | 1.1 |

**82 Se [ No Gas ] ISTD: 89 Y [ No Gas ]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -9.59     | 0.0000 | P        | -637. |
| 2 | <input type="checkbox"/> | 5.000    | 4.952      | 598.03    | 0.0001 | P        | 11.7  |
| 3 | <input type="checkbox"/> | 50.000   | 54.496     | 7511.54   | 0.0006 | P        | 2.7   |
| 4 | <input type="checkbox"/> | 125.000  | 136.533    | 18449.53  | 0.0016 | P        | 2.4   |
| 5 | <input type="checkbox"/> | 250.000  | 268.172    | 36972.42  | 0.0032 | P        | 1.8   |
| 6 | <input type="checkbox"/> | 500.000  | 517.911    | 71217.41  | 0.0062 | P        | 2.0   |
| 7 | <input type="checkbox"/> | 1000.000 | 984.835    | 139860.31 | 0.0117 | P        | 1.5   |
| 8 | <input type="checkbox"/> |          |            | 290.46    | 0.0000 | P        | 40.7  |

$$y = 1.1927E-005 * x - 8.2951E-007$$

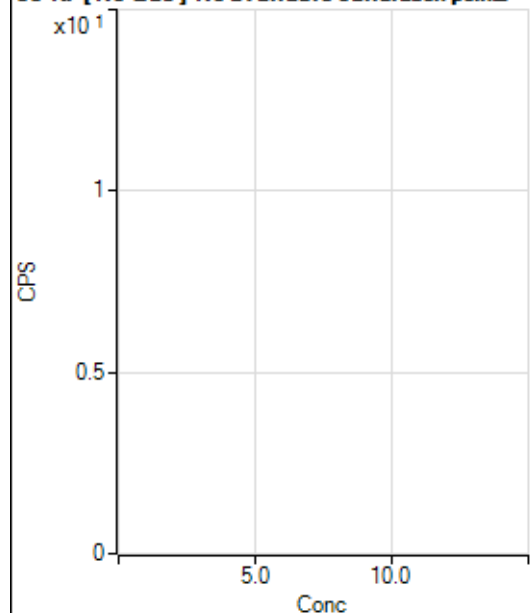
$$R = 0.9995$$

$$DL = 1.33$$

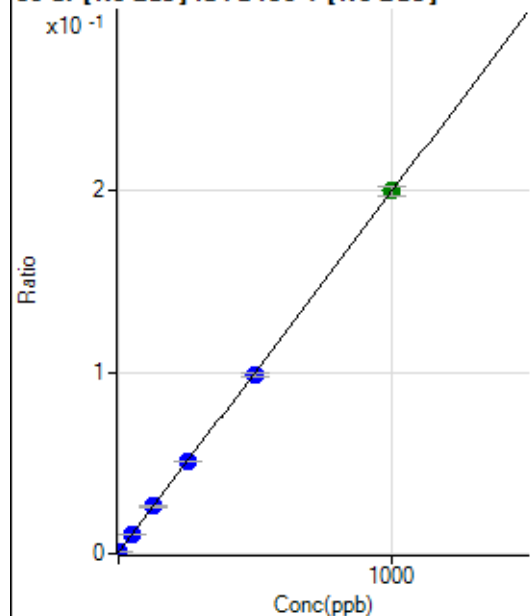
$$BEC = -0.06955$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 3867.15 |       | P        | 1.3 |
| 2 | <input type="checkbox"/> |       |            | 3997.16 |       | P        | 3.1 |
| 3 | <input type="checkbox"/> |       |            | 3969.24 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> |       |            | 3923.82 |       | P        | 3.7 |
| 5 | <input type="checkbox"/> |       |            | 3930.49 |       | P        | 2.0 |
| 6 | <input type="checkbox"/> |       |            | 3895.07 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> |       |            | 3834.64 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> |       |            | 3929.24 |       | P        | 1.8 |

**86 Sr [ No Gas ] ISTD : 89 Y [ No Gas ]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6476.70    | 0.0006 | P        | 3.7  |
| 2 | <input type="checkbox"/> | 1.000    | 1.318      | 8569.47    | 0.0008 | P        | 10.6 |
| 3 | <input type="checkbox"/> | 50.000   | 50.120     | 121955.38  | 0.0105 | P        | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.113    | 295024.70  | 0.0260 | P        | 4.3  |
| 5 | <input type="checkbox"/> | 250.000  | 253.681    | 589614.75  | 0.0510 | P        | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 492.669    | 1135785.18 | 0.0985 | P        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.350   | 2379013.20 | 0.1998 | A        | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 19255.41   | 0.0017 | P        | 1.5  |

$$y = 1.9874E-004 * x + 5.7672E-004$$

$$R = 0.9999$$

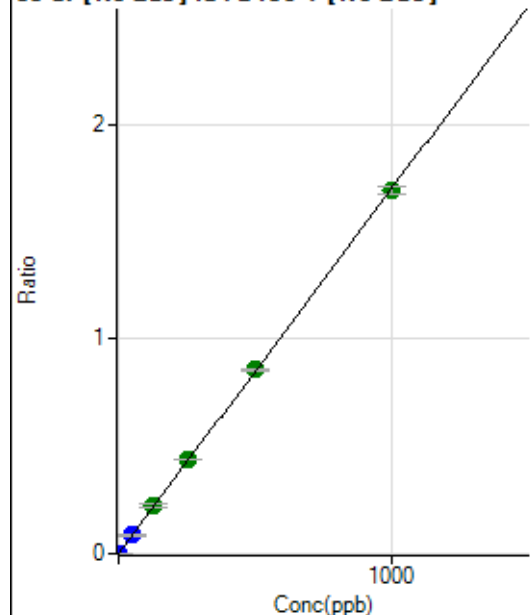
$$DL = 0.3182$$

$$BEC = 2.902$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 191.68      | 0.0000 | P   | 23.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.064      | 18651.78    | 0.0018 | P   | 12.9 |
| 3 | <input type="checkbox"/> | 50.000   | 50.381     | 992139.47   | 0.0857 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 131.742    | 2539526.42  | 0.2242 | A   | 4.6  |
| 5 | <input type="checkbox"/> | 250.000  | 257.294    | 5061401.94  | 0.4378 | A   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 505.610    | 9920316.19  | 0.8602 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.509    | 20147941.07 | 1.6920 | A   | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 112615.02   | 0.0100 | P   | 0.8  |

$$y = 0.0017 * x + 1.7054E-005$$

$$R = 0.9999$$

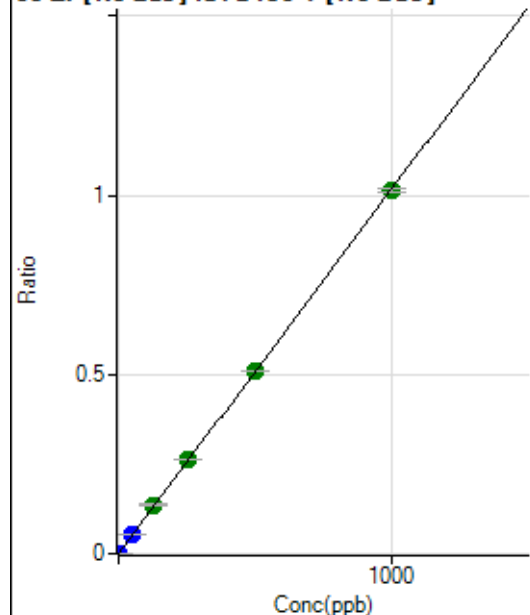
$$DL = 0.007106$$

$$BEC = 0.01002$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 488.91      | 0.0000 | P   | 13.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.037      | 11238.12    | 0.0011 | P   | 8.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.765     | 597744.53   | 0.0517 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 133.777    | 1541770.36  | 0.1360 | A   | 3.8  |
| 5 | <input type="checkbox"/> | 250.000  | 259.762    | 3054027.76  | 0.2641 | A   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 501.362    | 5878554.43  | 0.5098 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.743    | 12055872.49 | 1.0124 | A   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 5392.84     | 0.0005 | P   | 4.1  |

$$y = 0.0010 * x + 4.3514E-005$$

$$R = 0.9999$$

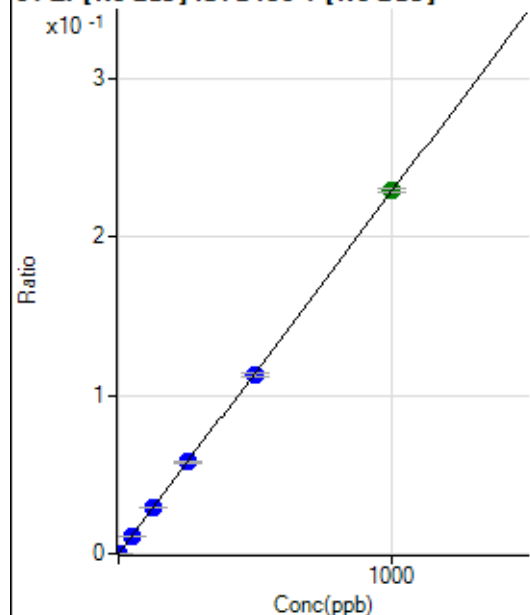
$$DL = 0.01779$$

$$BEC = 0.0428$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89      | 0.0000 | P        | 38.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.984      | 2380.83    | 0.0002 | P        | 9.7  |
| 3 | <input type="checkbox"/> | 50.000   | 49.639     | 131367.02  | 0.0114 | P        | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 127.770    | 330984.70  | 0.0292 | P        | 3.4  |
| 5 | <input type="checkbox"/> | 250.000  | 253.525    | 669948.24  | 0.0579 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 492.040    | 1296643.49 | 0.1125 | P        | 2.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.770   | 2729014.08 | 0.2292 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 1125.08    | 0.0001 | P        | 4.1  |

$$y = 2.2852\text{E-}004 * x + 7.9220\text{E-}006$$

$$R = 0.9999$$

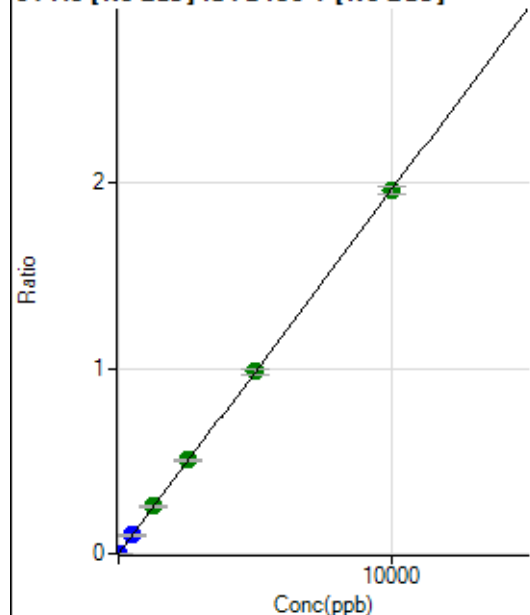
$$DL = 0.03959$$

$$BEC = 0.03467$$

Weight: &lt;None&gt;

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 155.56      | 0.0000 | P        | 21.4 |
| 2 | <input type="checkbox"/> | 5.000     | 6.352      | 12889.66    | 0.0013 | P        | 8.7  |
| 3 | <input type="checkbox"/> | 500.000   | 504.489    | 1144975.90  | 0.0989 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1305.739   | 2901404.10  | 0.2561 | A        | 4.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2566.609   | 5819094.27  | 0.5033 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4999.505   | 11303162.93 | 0.9804 | A        | 3.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9976.403   | 23295828.47 | 1.9563 | A        | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 8616.82     | 0.0008 | P        | 4.6  |

$$y = 1.9609\text{E-}004 * x + 1.3850\text{E-}005$$

$$R = 1.0000$$

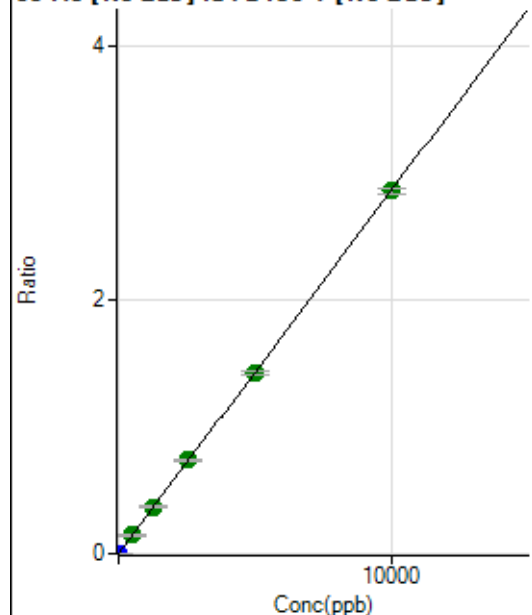
$$DL = 0.04528$$

$$BEC = 0.07063$$

Weight: &lt;None&gt;

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 72.23       | 0.0000 | P        | 23.6 |
| 2 | <input type="checkbox"/> | 5.000     | 5.309      | 15573.10    | 0.0015 | P        | 11.5 |
| 3 | <input type="checkbox"/> | 500.000   | 504.427    | 1669802.60  | 0.1443 | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1285.888   | 4167399.79  | 0.3678 | A        | 4.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2579.984   | 8531902.10  | 0.7379 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4985.000   | 16440737.00 | 1.4258 | A        | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9982.796   | 34000872.29 | 2.8552 | A        | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 10587.70    | 0.0009 | P        | 5.6  |

$$y = 2.8601\text{E-}004 * x + 6.4285\text{E-}006$$

$$R = 1.0000$$

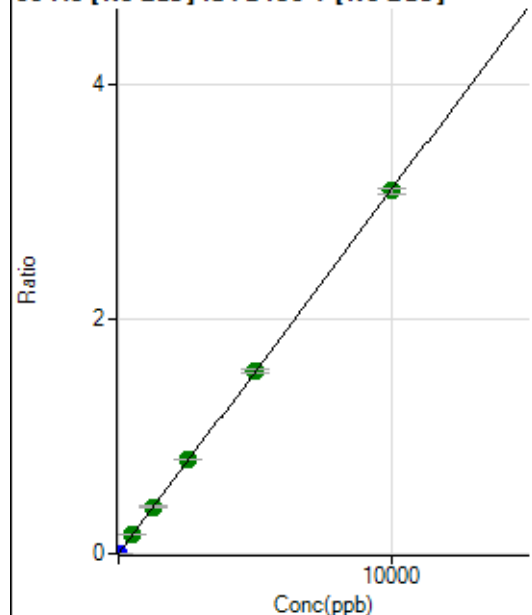
$$DL = 0.01595$$

$$BEC = 0.02248$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 361.12      | 0.0000 | P        | 11.6 |
| 2 | <input type="checkbox"/> | 5.000     | 5.563      | 18003.79    | 0.0018 | P        | 8.8  |
| 3 | <input type="checkbox"/> | 500.000   | 512.544    | 1842276.91  | 0.1592 | A        | 1.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1290.445   | 4540686.78  | 0.4007 | A        | 4.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2576.955   | 9252620.87  | 0.8002 | A        | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5021.825   | 17982400.23 | 1.5594 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9964.166   | 36844350.13 | 3.0941 | A        | 1.4  |
| 8 | <input type="checkbox"/> |           |            | 30827.06    | 0.0027 | P        | 3.9  |

$$y = 3.1052\text{E-}004 * x + 3.2155\text{E-}005$$

$$R = 1.0000$$

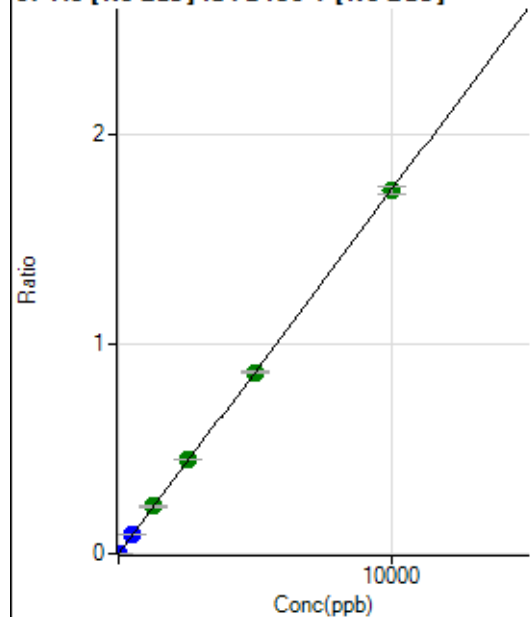
$$DL = 0.03589$$

$$BEC = 0.1036$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 36.11       | 0.0000 | P    | 74.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.549      | 9839.82     | 0.0010 | P    | 12.9 |
| 3 | <input type="checkbox"/> | 500.000   | 506.827    | 1015996.30  | 0.0878 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1304.493   | 2560663.21  | 0.2260 | A    | 3.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2595.259   | 5197785.88  | 0.4495 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 4988.995   | 9965513.42  | 0.8642 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9974.534   | 20572760.88 | 1.7277 | A    | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 6357.19     | 0.0006 | P    | 1.9  |

$$y = 1.7322\text{E-}004 * x + 3.2274\text{E-}006$$

$$R = 0.9999$$

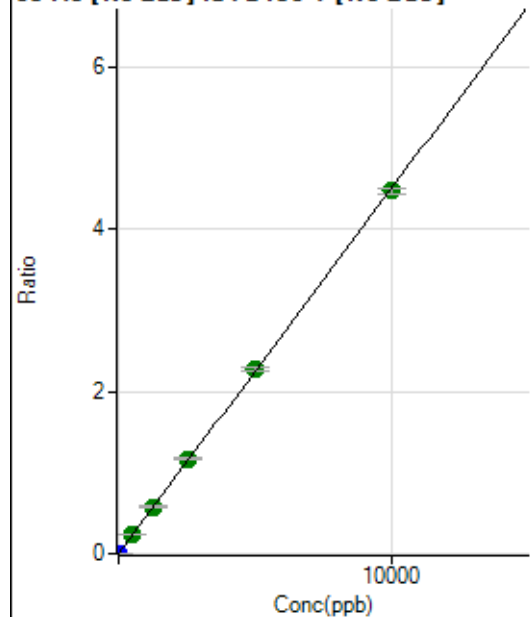
$$DL = 0.04186$$

$$BEC = 0.01863$$

Weight: &lt;None&gt;

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 180.56      | 0.0000 | P    | 13.5 |
| 2 | <input type="checkbox"/> | 5.000     | 5.408      | 25089.91    | 0.0025 | P    | 9.6  |
| 3 | <input type="checkbox"/> | 500.000   | 520.813    | 2717204.77  | 0.2348 | A    | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1282.621   | 6552149.76  | 0.5782 | A    | 3.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2596.332   | 13531703.43 | 1.1703 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5074.888   | 26380591.56 | 2.2876 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9933.354   | 53318714.73 | 4.4776 | A    | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 15384.01    | 0.0014 | P    | 7.3  |

$$y = 4.5076\text{E-}004 * x + 1.6072\text{E-}005$$

$$R = 0.9999$$

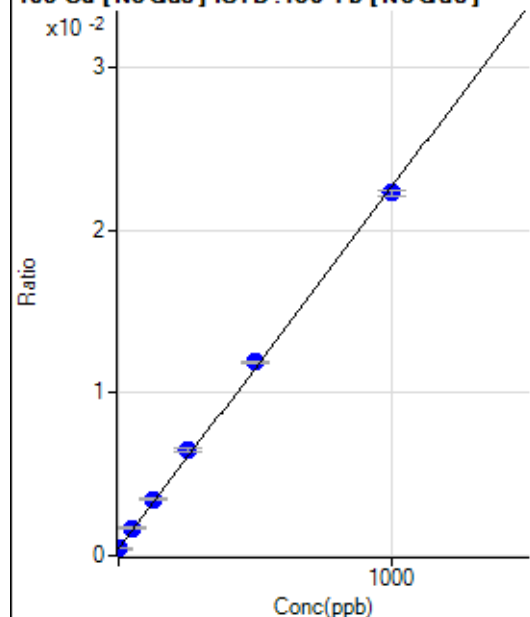
$$DL = 0.01446$$

$$BEC = 0.03566$$

Weight: &lt;None&gt;

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3169.90   | 0.0004 | P        | 8.9 |
| 2 | <input type="checkbox"/> | 1.000    | 2.166      | 3169.91   | 0.0005 | P        | 4.1 |
| 3 | <input type="checkbox"/> | 50.000   | 58.290     | 13265.10  | 0.0017 | P        | 2.0 |
| 4 | <input type="checkbox"/> | 125.000  | 136.165    | 27088.43  | 0.0034 | P        | 3.5 |
| 5 | <input type="checkbox"/> | 250.000  | 273.900    | 51884.75  | 0.0065 | P        | 2.2 |
| 6 | <input type="checkbox"/> | 500.000  | 516.232    | 96136.28  | 0.0119 | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 984.098    | 185479.80 | 0.0223 | P        | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 3197.69   | 0.0004 | P        | 4.4 |

$$y = 2.2205\text{E-}005 * x + 4.1490\text{E-}004$$

$$R = 0.9995$$

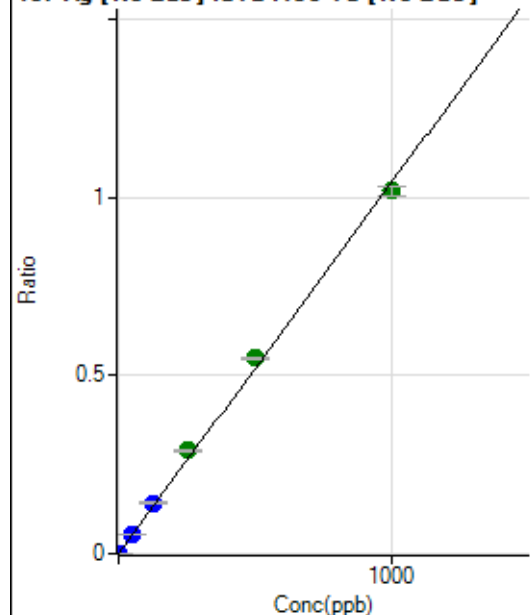
$$DL = 5.016$$

$$BEC = 18.68$$

Weight: &lt;None&gt;

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.00     | 0.0000 | P        | 16.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.125      | 8060.91    | 0.0012 | P        | 12.5 |
| 3 | <input type="checkbox"/> | 50.000   | 53.238     | 430770.11  | 0.0555 | P        | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 136.275    | 1119793.42 | 0.1421 | P        | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 277.913    | 2314172.23 | 0.2898 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 527.125    | 4448070.67 | 0.5496 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 977.888    | 8490998.28 | 1.0196 | A        | 2.9  |
| 8 | <input type="checkbox"/> |          |            | 3119.89    | 0.0004 | P        | 8.6  |

$$y = 0.0010 * x + 1.3089\text{E-}005$$

$$R = 0.9990$$

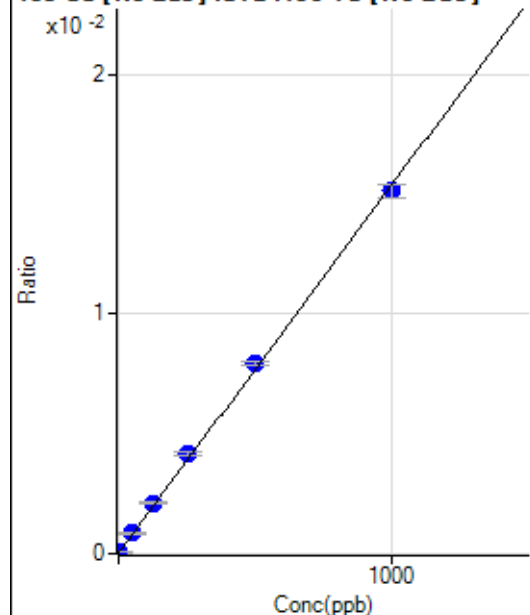
$$DL = 0.006275$$

$$BEC = 0.01255$$

Weight: &lt;None&gt;

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 158.34    | 0.0000 | P        | 20.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.455      | 293.06    | 0.0000 | P        | 11.8 |
| 3 | <input type="checkbox"/> | 50.000   | 53.889     | 6582.21   | 0.0008 | P        | 3.6  |
| 4 | <input type="checkbox"/> | 125.000  | 136.245    | 16656.08  | 0.0021 | P        | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 270.363    | 33325.25  | 0.0042 | P        | 3.5  |
| 6 | <input type="checkbox"/> | 500.000  | 516.898    | 64420.81  | 0.0080 | P        | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 984.860    | 126134.80 | 0.0151 | P        | 3.7  |
| 8 | <input type="checkbox"/> |          |            | 156.95    | 0.0000 | P        | 16.9 |

$$y = 1.5360\text{E-}005 * x + 2.0725\text{E-}005$$

$$R = 0.9995$$

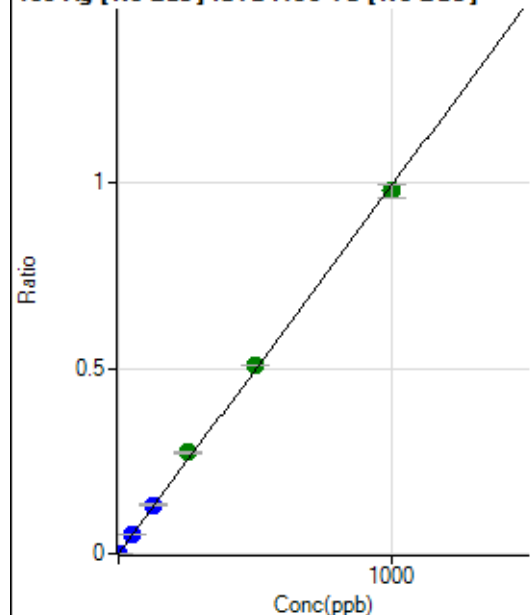
$$DL = 0.8338$$

$$BEC = 1.349$$

Weight: &lt;None&gt;

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 83.34      | 0.0000 | P        | 40.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.172      | 7983.09    | 0.0012 | P        | 12.5 |
| 3 | <input type="checkbox"/> | 50.000   | 54.178     | 417650.48  | 0.0538 | P        | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 131.269    | 1027256.78 | 0.1304 | P        | 3.4  |
| 5 | <input type="checkbox"/> | 250.000  | 275.078    | 2181782.08 | 0.2732 | A        | 2.7  |
| 6 | <input type="checkbox"/> | 500.000  | 513.212    | 4125488.11 | 0.5097 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.132    | 8155740.11 | 0.9795 | A        | 3.4  |
| 8 | <input type="checkbox"/> |          |            | 3253.26    | 0.0004 | P        | 8.4  |

$$y = 9.9322\text{E-}004 * x + 1.0910\text{E-}005$$

$$R = 0.9995$$

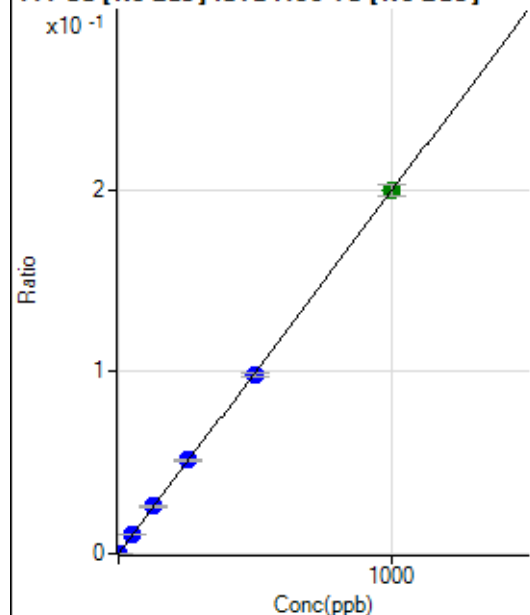
$$DL = 0.01321$$

$$BEC = 0.01098$$

Weight: &lt;None&gt;

Min Conc: 0



**111 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 588.42     | 0.0001 | P        | 5.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.216      | 2178.98    | 0.0003 | P        | 5.1 |
| 3 | <input type="checkbox"/> | 50.000   | 53.527     | 83369.56   | 0.0107 | P        | 2.0 |
| 4 | <input type="checkbox"/> | 125.000  | 130.149    | 205008.77  | 0.0260 | P        | 2.0 |
| 5 | <input type="checkbox"/> | 250.000  | 257.299    | 410170.05  | 0.0514 | P        | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 494.102    | 797569.79  | 0.0985 | P        | 1.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.304   | 1660945.39 | 0.1994 | A        | 3.4 |
| 8 | <input type="checkbox"/> |          |            | 1160.25    | 0.0001 | P        | 5.6 |

$$y = 1.9929\text{E-}004 * x + 7.7017\text{E-}005$$

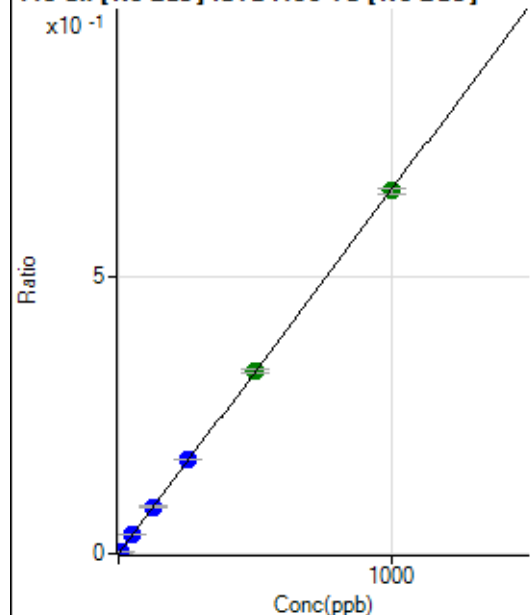
$$R = 0.9999$$

$$DL = 0.0586$$

$$BEC = 0.3864$$

Weight: &lt;None&gt;

Min Conc: 0

**118 Sn [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 577.81     | 0.0001 | P        | 16.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.486      | 25006.85   | 0.0037 | P        | 7.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.356     | 261691.22  | 0.0337 | P        | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 129.051    | 666792.44  | 0.0846 | P        | 3.2  |
| 5 | <input type="checkbox"/> | 250.000  | 258.053    | 1351026.93 | 0.1692 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 501.676    | 2660908.24 | 0.3288 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.572    | 5440085.80 | 0.6531 | A        | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 5970.92    | 0.0008 | P        | 8.3  |

$$y = 6.5524\text{E-}004 * x + 7.5633\text{E-}005$$

$$R = 1.0000$$

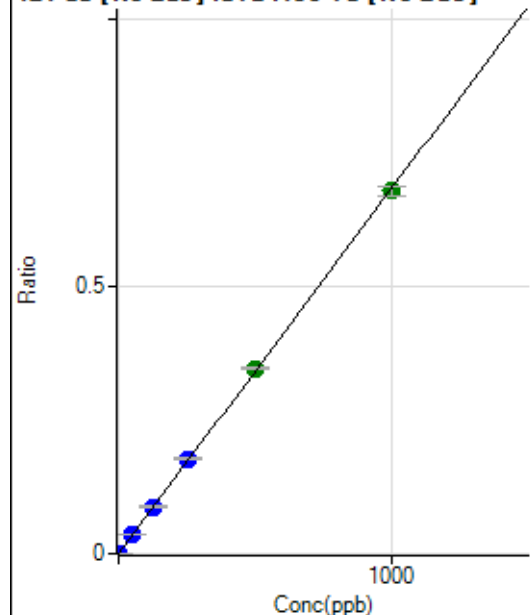
$$DL = 0.05595$$

$$BEC = 0.1154$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89      | 0.0000 | P        | 12.5 |
| 2 | <input type="checkbox"/> | 2.000    | 2.237      | 10459.88   | 0.0015 | P        | 5.8  |
| 3 | <input type="checkbox"/> | 50.000   | 51.762     | 274545.87  | 0.0354 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 128.060    | 689519.81  | 0.0875 | P        | 3.6  |
| 5 | <input type="checkbox"/> | 250.000  | 258.762    | 1412348.15 | 0.1769 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 507.066    | 2804622.78 | 0.3466 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.805    | 5656965.06 | 0.6792 | A        | 2.5  |
| 8 | <input type="checkbox"/> |          |            | 4464.75    | 0.0006 | P        | 6.9  |

$$y = 6.8344\text{E-}004 * x + 5.0906\text{E-}006$$

$$R = 0.9999$$

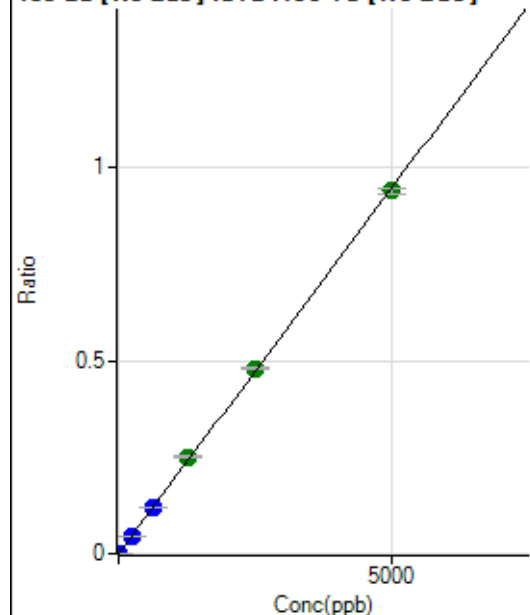
$$DL = 0.002787$$

$$BEC = 0.007448$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33      | 0.0000 | P        | 43.2 |
| 2 | <input type="checkbox"/> | 10.000   | 10.627     | 13724.01   | 0.0020 | P        | 8.9  |
| 3 | <input type="checkbox"/> | 250.000  | 249.020    | 365867.90  | 0.0471 | P        | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 631.775    | 942144.71  | 0.1196 | P        | 3.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1325.830   | 2004142.54 | 0.2510 | A        | 2.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2528.247   | 3873188.72 | 0.4786 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4966.120   | 7830504.95 | 0.9401 | A        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 3281.05    | 0.0004 | P        | 5.2  |

$$y = 1.8929\text{E-}004 * x + 4.3617\text{E-}006$$

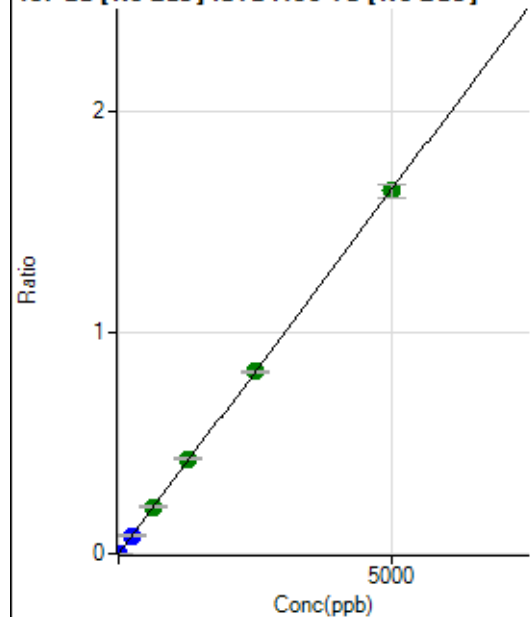
$$R = 0.9998$$

$$DL = 0.02986$$

$$BEC = 0.02304$$

Weight: &lt;None&gt;

Min Conc: 0

**137 Ba [No Gas] ISTD : 159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22       | 0.0000 | P        | 21.6 |
| 2 | <input type="checkbox"/> | 10.000   | 10.834     | 24275.06    | 0.0036 | P        | 9.6  |
| 3 | <input type="checkbox"/> | 250.000  | 250.949    | 640736.55   | 0.0826 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 625.000  | 644.839    | 1670886.59  | 0.2122 | A        | 4.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1303.423   | 3424504.64  | 0.4288 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2498.319   | 6652195.38  | 0.8220 | A        | 1.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4984.956   | 13656634.68 | 1.6401 | A        | 3.7  |
| 8 | <input type="checkbox"/> |          |            | 5690.28     | 0.0007 | P        | 6.9  |

$$y = 3.2901E-004 * x + 2.9085E-006$$

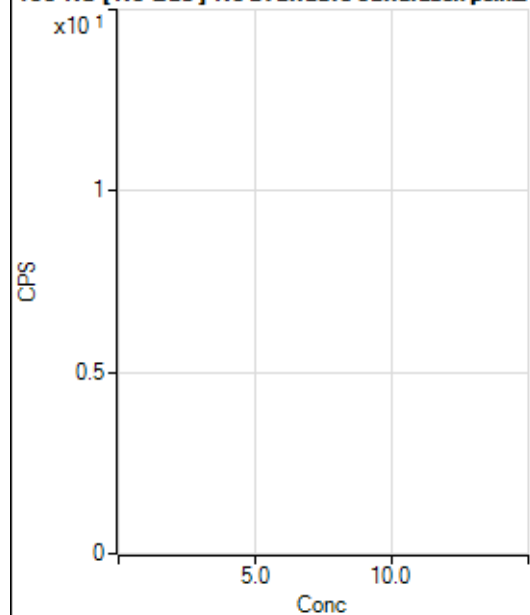
$$R = 0.9999$$

$$DL = 0.005726$$

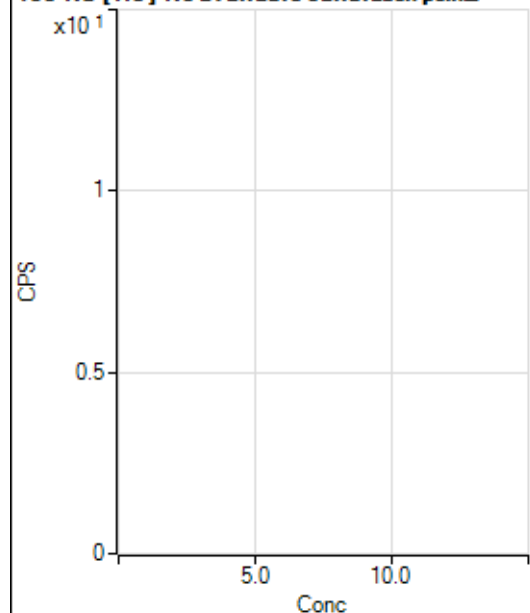
$$BEC = 0.00884$$

Weight: &lt;None&gt;

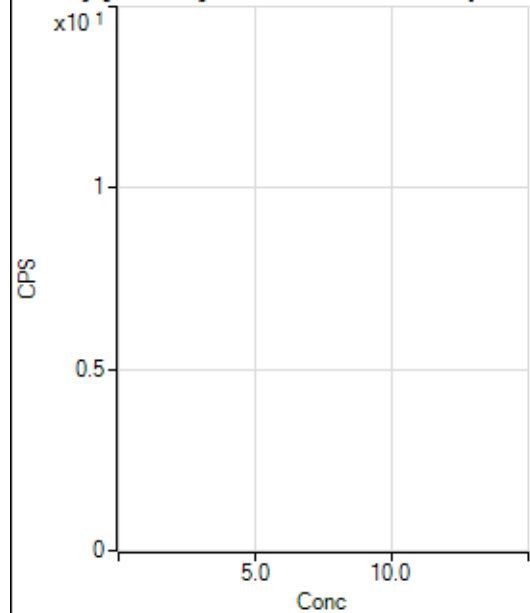
Min Conc: 0

**150 Nd [No Gas] No available calibration points**

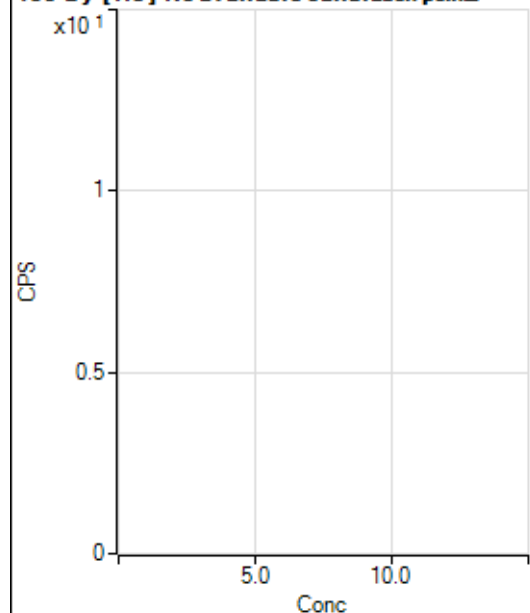
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 0.0   |
| 3 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 49.5  |
| 4 | <input type="checkbox"/> |       |            | 84.45  |       | P        | 31.9  |
| 5 | <input type="checkbox"/> |       |            | 151.12 |       | P        | 21.8  |
| 6 | <input type="checkbox"/> |       |            | 248.90 |       | P        | 20.3  |
| 7 | <input type="checkbox"/> |       |            | 480.02 |       | P        | 14.4  |
| 8 | <input type="checkbox"/> |       |            | 84.45  |       | P        | 29.9  |

**150 Nd [He] No available calibration points**

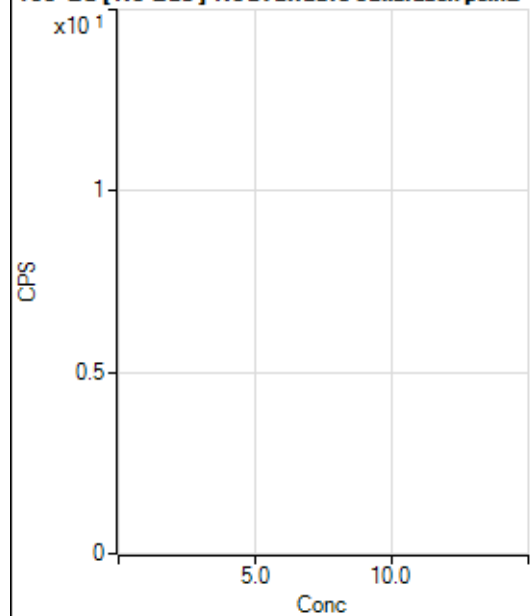
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3  |
| 3 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3  |
| 4 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 12.4  |
| 6 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 34.3  |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 27.5  |
| 8 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9  |

**156 Dy [No Gas] No available calibration points**

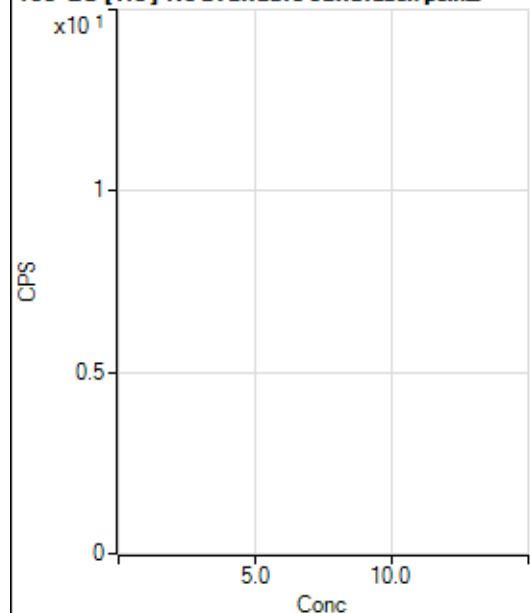
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            | 16.67  |       | P        | NaN   |
| 3 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 33.3  |
| 4 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 25.0  |
| 5 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 21.4  |
| 6 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 30.0  |
| 7 | <input type="checkbox"/> |       |            | 394.46 |       | P        | 18.9  |
| 8 | <input type="checkbox"/> |       |            | 686.15 |       | P        | 14.2  |

**156 Dy [He] No available calibration points**

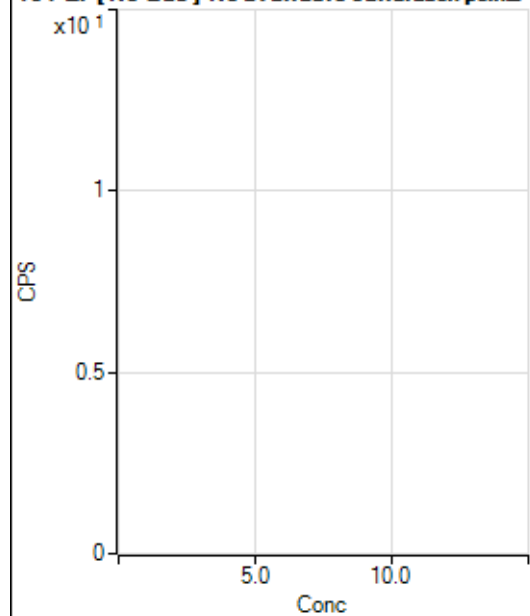
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4  |
| 3 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 41.7  |
| 4 | <input type="checkbox"/> |       |            | 23.33  |       | P        | 28.6  |
| 5 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 13.3  |
| 6 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 14.3  |
| 7 | <input type="checkbox"/> |       |            | 152.23 |       | P        | 1.3   |
| 8 | <input type="checkbox"/> |       |            | 246.67 |       | P        | 15.4  |

**160 Gd [No Gas] Noavailable calibration poin\_**

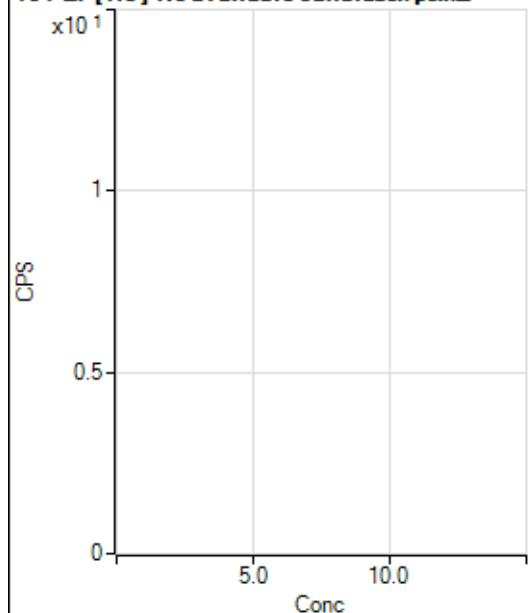
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 11.1 |
| 2 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 31.2 |
| 3 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 46.1 |
| 4 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 41.7 |
| 5 | <input type="checkbox"/> |       |            | 97.22  |       | P        | 4.9  |
| 6 | <input type="checkbox"/> |       |            | 180.56 |       | P        | 16.2 |
| 7 | <input type="checkbox"/> |       |            | 288.90 |       | P        | 4.4  |
| 8 | <input type="checkbox"/> |       |            | 494.47 |       | P        | 12.8 |

**160 Gd [ He ] No available calibration points**

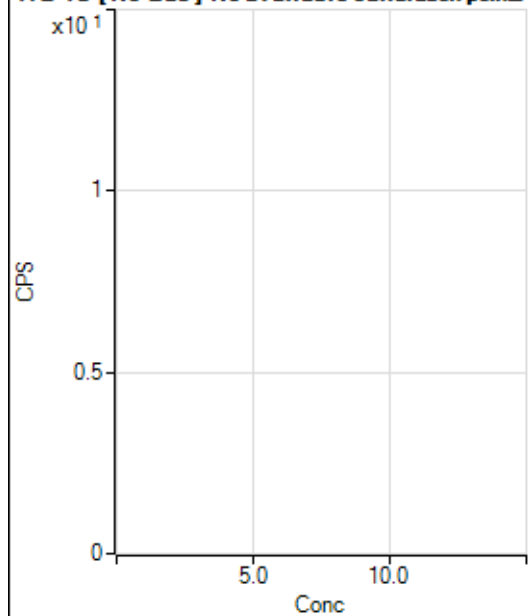
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 7.1  |
| 2 | <input type="checkbox"/> |       |            | 65.55  |       | P        | 25.6 |
| 3 | <input type="checkbox"/> |       |            | 62.22  |       | P        | 13.5 |
| 4 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 3.1  |
| 5 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 15.1 |
| 6 | <input type="checkbox"/> |       |            | 102.22 |       | P        | 8.2  |
| 7 | <input type="checkbox"/> |       |            | 158.89 |       | P        | 10.3 |
| 8 | <input type="checkbox"/> |       |            | 282.23 |       | P        | 12.5 |

**164 Er [ No Gas ] No available calibration points**

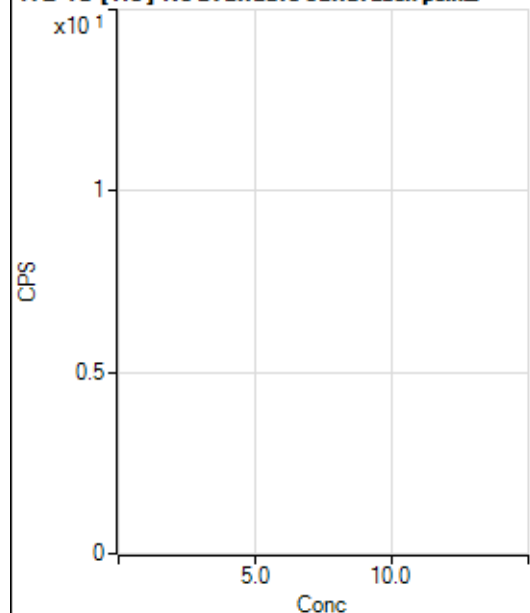
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 17.6 |
| 2 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 43.3 |
| 3 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 26.7 |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 8.7  |
| 5 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 33.8 |
| 7 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 13.6 |
| 8 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 14.3 |

**164 Er [ He ] No available calibration points**

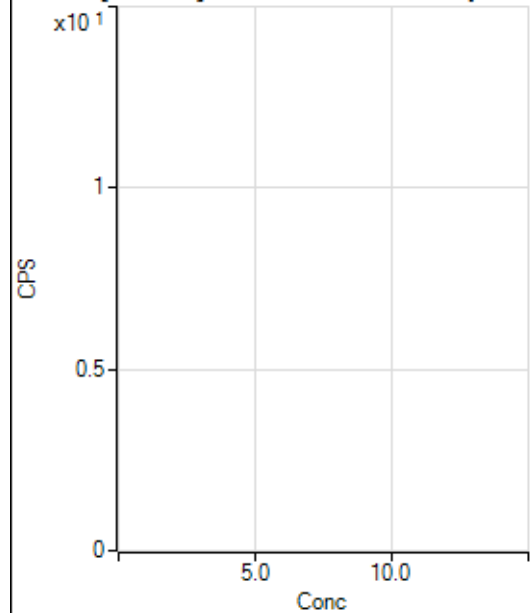
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 16.7 |
| 2 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 68.7 |
| 3 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 33.4 |
| 5 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 54.5 |
| 6 | <input type="checkbox"/> |       |            | 41.11 |       | P        | 26.1 |
| 7 | <input type="checkbox"/> |       |            | 54.44 |       | P        | 3.5  |
| 8 | <input type="checkbox"/> |       |            | 36.67 |       | P        | 18.2 |

**172 Yb [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 27.0 |
| 2 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 57.7 |
| 3 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 48.0 |
| 4 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 40.8 |
| 5 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 7.9  |
| 6 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 32.8 |
| 7 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 10.7 |
| 8 | <input type="checkbox"/> |       |            | 125.00 |       | P        | 24.0 |

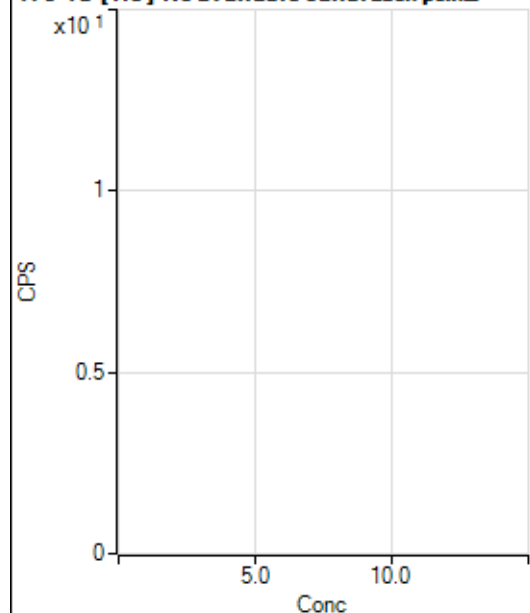
**172 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 18.52 |       | P        | 45.8 |
| 2 | <input type="checkbox"/> |       |            | 25.93 |       | P        | 44.6 |
| 3 | <input type="checkbox"/> |       |            | 25.93 |       | P        | 53.9 |
| 4 | <input type="checkbox"/> |       |            | 25.93 |       | P        | 12.4 |
| 5 | <input type="checkbox"/> |       |            | 24.07 |       | P        | 13.3 |
| 6 | <input type="checkbox"/> |       |            | 51.85 |       | P        | 16.4 |
| 7 | <input type="checkbox"/> |       |            | 44.44 |       | P        | 45.1 |
| 8 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 20.0 |

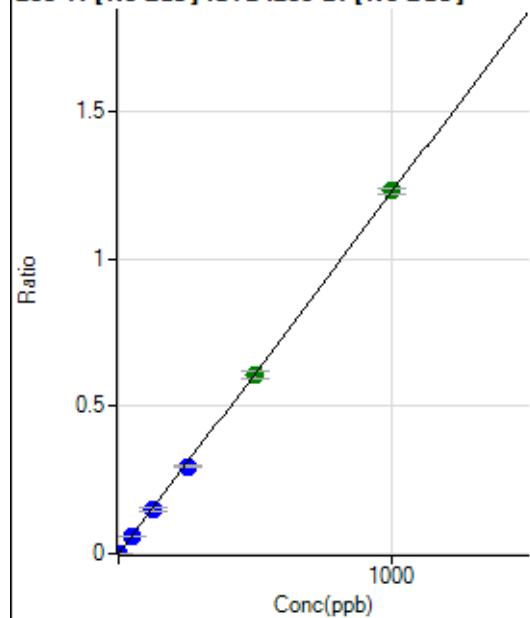
**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|----------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1061.19  |       | P        | 11.3 |
| 2 | <input type="checkbox"/> |       |            | 966.73   |       | P        | 14.7 |
| 3 | <input type="checkbox"/> |       |            | 2039.11  |       | P        | 5.3  |
| 4 | <input type="checkbox"/> |       |            | 3625.61  |       | P        | 6.8  |
| 5 | <input type="checkbox"/> |       |            | 6357.27  |       | P        | 2.0  |
| 6 | <input type="checkbox"/> |       |            | 12108.68 |       | P        | 2.2  |
| 7 | <input type="checkbox"/> |       |            | 23657.96 |       | P        | 3.3  |
| 8 | <input type="checkbox"/> |       |            | 1161.20  |       | P        | 9.3  |



**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 3470.89  |       | P        | 3.4 |
| 2 | <input type="checkbox"/> |       |            | 3517.20  |       | P        | 4.9 |
| 3 | <input type="checkbox"/> |       |            | 4046.98  |       | P        | 3.1 |
| 4 | <input type="checkbox"/> |       |            | 4639.78  |       | P        | 3.3 |
| 5 | <input type="checkbox"/> |       |            | 5801.38  |       | P        | 3.4 |
| 6 | <input type="checkbox"/> |       |            | 8141.54  |       | P        | 3.7 |
| 7 | <input type="checkbox"/> |       |            | 12495.01 |       | P        | 3.9 |
| 8 | <input type="checkbox"/> |       |            | 3663.53  |       | P        | 7.1 |

**203 Tl [No Gas] ISTD :209 Bi [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 580.59     | 0.0001 | P        | 17.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.985      | 5109.49    | 0.0013 | P        | 12.5 |
| 3 | <input type="checkbox"/> | 50.000   | 46.618     | 253161.59  | 0.0572 | P        | 4.9  |
| 4 | <input type="checkbox"/> | 125.000  | 122.802    | 662516.38  | 0.1504 | P        | 5.1  |
| 5 | <input type="checkbox"/> | 250.000  | 240.865    | 1332330.78 | 0.2948 | P        | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 495.757    | 2781105.55 | 0.6067 | A        | 4.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.849   | 5602456.03 | 1.2295 | A        | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 2833.73    | 0.0007 | P        | 7.3  |

$$y = 0.0012 * x + 1.3258E-004$$

$$R = 0.9999$$

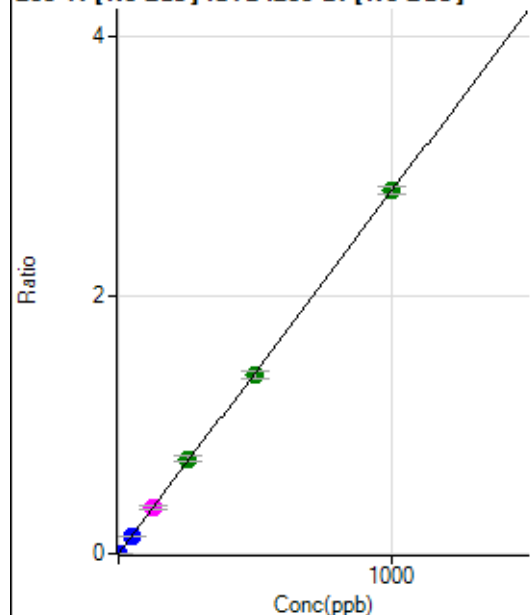
$$DL = 0.05526$$

$$BEC = 0.1084$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1244.54     | 0.0003 | P        | 6.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.037      | 12236.63    | 0.0032 | P        | 6.4 |
| 3 | <input type="checkbox"/> | 50.000   | 47.946     | 597184.67   | 0.1348 | P        | 4.2 |
| 4 | <input type="checkbox"/> | 125.000  | 125.537    | 1551984.93  | 0.3526 | M        | 7.4 |
| 5 | <input type="checkbox"/> | 250.000  | 262.488    | 3328917.39  | 0.7369 | A        | 4.5 |
| 6 | <input type="checkbox"/> | 500.000  | 492.106    | 6332646.89  | 1.3813 | A        | 4.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.861   | 12799611.83 | 2.8090 | A        | 2.1 |
| 8 | <input type="checkbox"/> |          |            | 6479.58     | 0.0016 | P        | 5.1 |

$$y = 0.0028 * x + 2.8452E-004$$

$$R = 0.9999$$

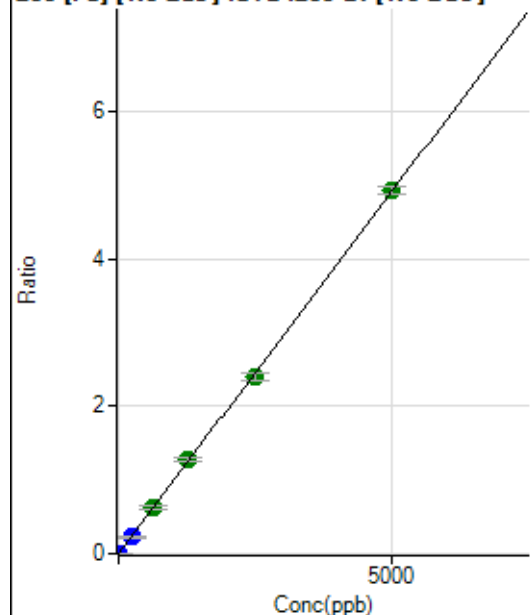
$$DL = 0.02092$$

$$BEC = 0.1014$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 664.85      | 0.0002 | P        | 4.6  |
| 2 | <input type="checkbox"/> | 1.000    | 0.974      | 4235.95     | 0.0011 | P        | 9.2  |
| 3 | <input type="checkbox"/> | 250.000  | 226.837    | 986773.73   | 0.2227 | P        | 1.8  |
| 4 | <input type="checkbox"/> | 625.000  | 644.782    | 2785316.90  | 0.6327 | A        | 7.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1293.616   | 5733997.18  | 1.2692 | A        | 4.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2443.216   | 10992681.96 | 2.3970 | A        | 3.7  |
| 7 | <input type="checkbox"/> | 5000.000 | 5016.173   | 22422218.09 | 4.9212 | A        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 5599.47     | 0.0014 | P        | 12.1 |

$$y = 9.8104E-004 * x + 1.5199E-004$$

$$R = 0.9998$$

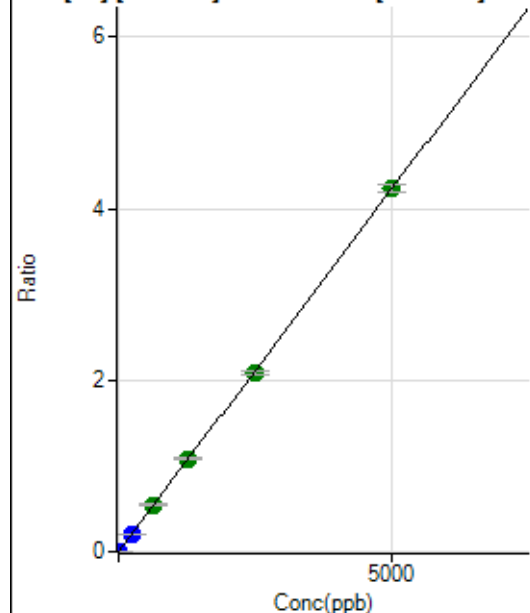
$$DL = 0.02124$$

$$BEC = 0.1549$$

Weight: &lt;None&gt;

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 614.84      | 0.0001 | P   | 12.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.016      | 3826.57     | 0.0010 | P   | 7.5  |
| 3 | <input type="checkbox"/> | 250.000  | 232.774    | 872628.29   | 0.1969 | P   | 1.7  |
| 4 | <input type="checkbox"/> | 625.000  | 643.414    | 2396606.21  | 0.5440 | A   | 5.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1283.237   | 4901560.93  | 1.0848 | A   | 3.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2467.961   | 9568378.92  | 2.0861 | A   | 3.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5006.270   | 19280699.97 | 4.2315 | A   | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 4628.71     | 0.0012 | P   | 15.7 |

$$y = 8.4521\text{E-}004 * x + 1.4059\text{E-}004$$

$$R = 0.9999$$

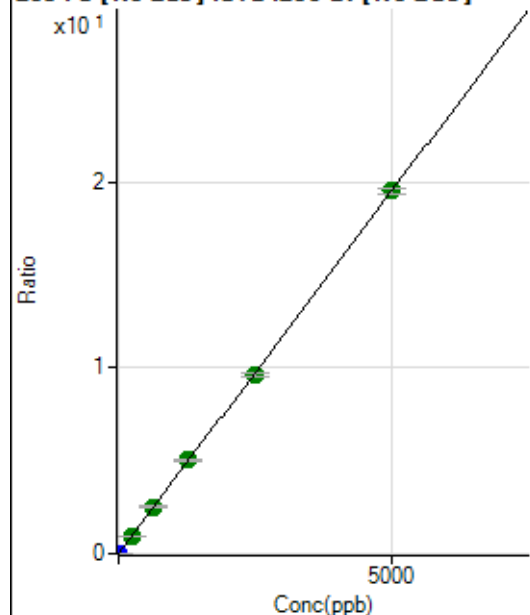
$$DL = 0.06352$$

$$BEC = 0.1663$$

Weight: &lt;None&gt;

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2759.43     | 0.0006  | P   | 6.6  |
| 2 | <input type="checkbox"/> | 1.000    | 0.996      | 17273.37    | 0.0045  | P   | 6.8  |
| 3 | <input type="checkbox"/> | 250.000  | 242.785    | 4195066.16  | 0.9466  | A   | 0.7  |
| 4 | <input type="checkbox"/> | 625.000  | 640.899    | 11006552.59 | 2.4978  | A   | 4.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1286.946   | 22660688.12 | 5.0149  | A   | 2.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2465.496   | 44068998.90 | 9.6069  | A   | 2.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5006.389   | 88882933.93 | 19.5069 | A   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 21841.02    | 0.0055  | P   | 10.2 |

$$y = 0.0039 * x + 6.3092\text{E-}004$$

$$R = 0.9999$$

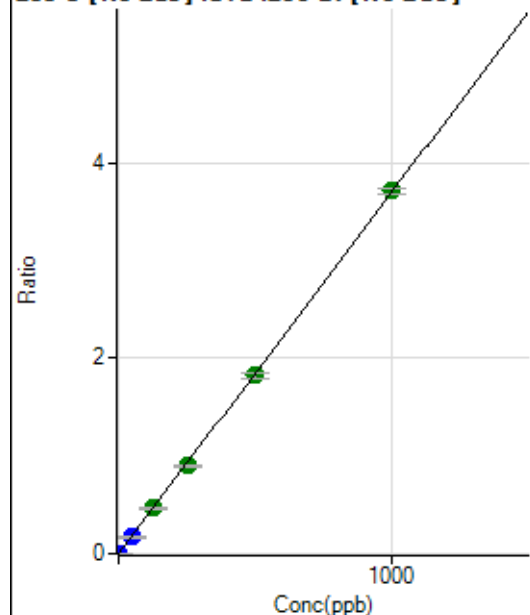
$$DL = 0.03199$$

$$BEC = 0.1619$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P   | 25.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.988      | 14005.38    | 0.0037 | P   | 9.1  |
| 3 | <input type="checkbox"/> | 50.000   | 45.470     | 744452.66   | 0.1681 | P   | 4.8  |
| 4 | <input type="checkbox"/> | 125.000  | 125.961    | 2052433.18  | 0.4657 | A   | 4.5  |
| 5 | <input type="checkbox"/> | 250.000  | 243.511    | 4068291.63  | 0.9002 | A   | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 493.419    | 8365963.12  | 1.8241 | A   | 3.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.019   | 16930608.19 | 3.7155 | A   | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 1336.23     | 0.0003 | P   | 27.1 |

$$y = 0.0037 * x + 7.6291E-006$$

$$R = 0.9999$$

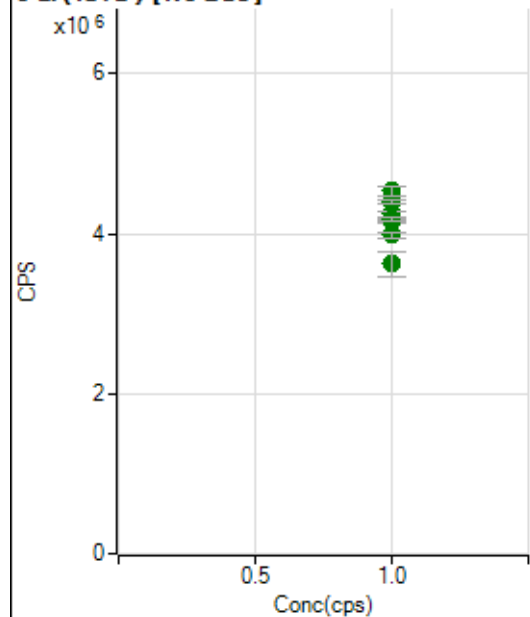
$$DL = 0.001594$$

$$BEC = 0.002064$$

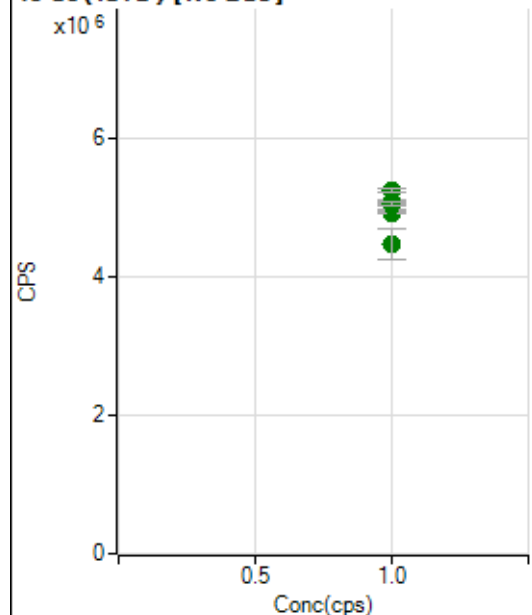
Weight: &lt;None&gt;

Min Conc: 0

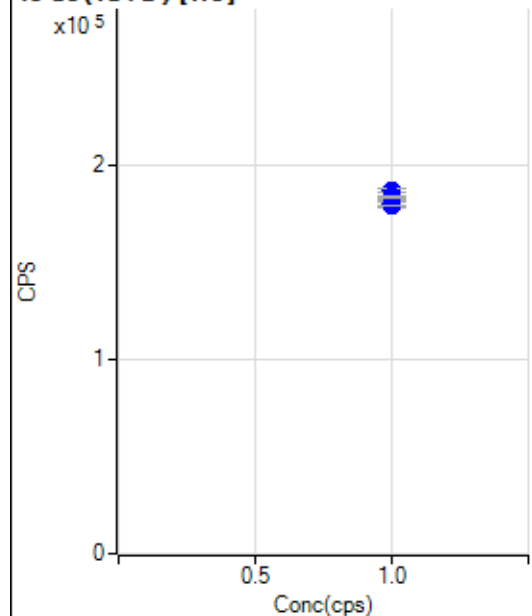
6 Li (ISTD) [No Gas]



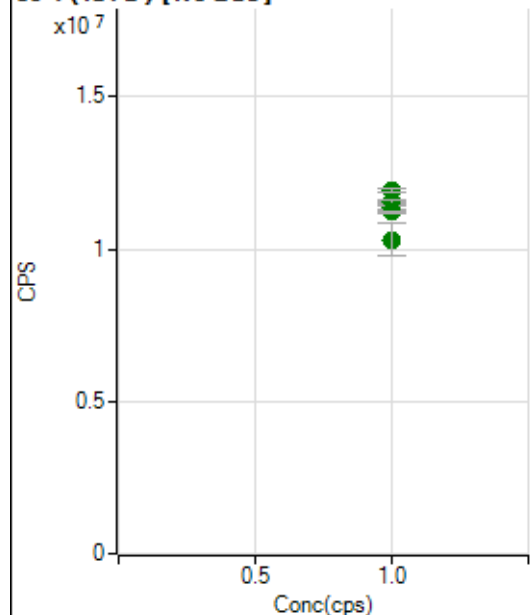
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3987506.44 |       | A   | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3622464.18 |       | A   | 9.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4175708.62 |       | A   | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4169371.96 |       | A   | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4249427.89 |       | A   | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4396104.87 |       | A   | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4535175.77 |       | A   | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4176734.48 |       | A   | 1.0 |

**45 Sc (ISTD) [No Gas]**

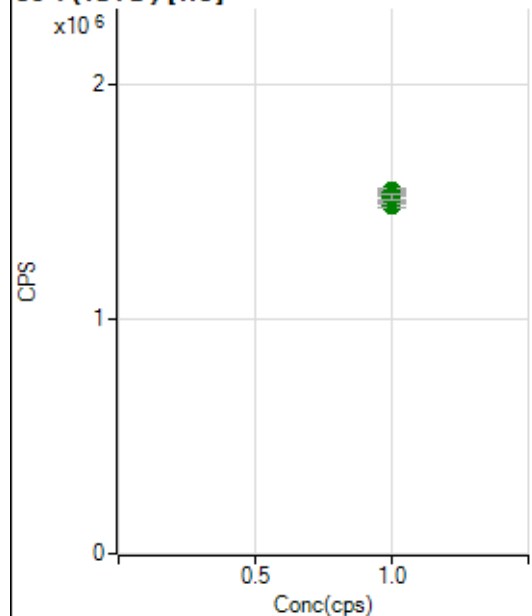
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4931170.45 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4484324.03 |       | A        | 9.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5073482.46 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5026311.80 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5090880.79 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5080228.50 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5242118.95 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5060013.85 |       | A        | 1.2 |

**45 Sc (ISTD) [He]**

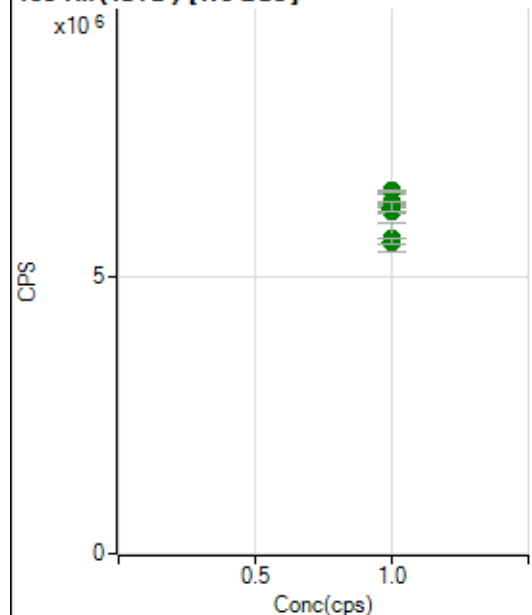
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 181354.85 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 181916.02 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 186839.35 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 183818.96 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 179926.73 |       | P        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 179273.23 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 184550.44 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 183907.16 |       | P        | 0.4 |

**89 Y (ISTD) [No Gas]**

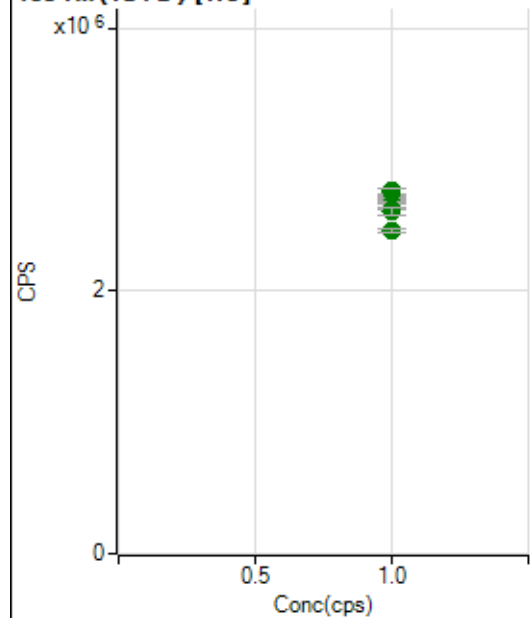
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 11228580.66 |       | A        | 0.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 10294351.72 |       | A        | 10.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11573852.88 |       | A        | 1.1  |
| 4 | <input type="checkbox"/> | 1.000 |            | 11341445.80 |       | A        | 3.5  |
| 5 | <input type="checkbox"/> | 1.000 |            | 11562219.13 |       | A        | 0.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 11532982.05 |       | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 11909262.46 |       | A        | 1.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 11214293.86 |       | A        | 0.7  |

**89 Y (ISTD) [He]**

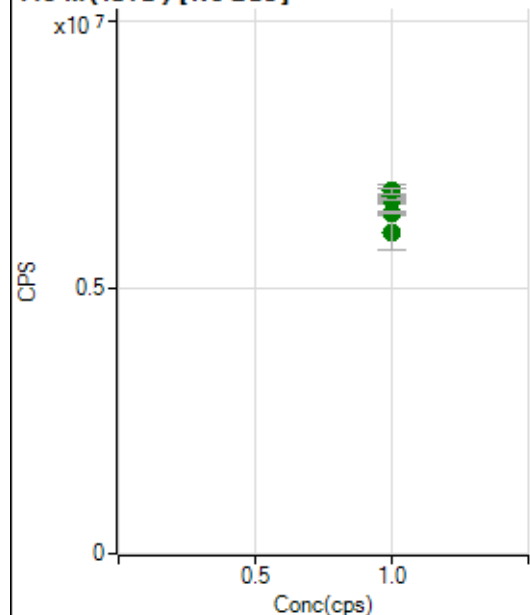
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1514819.44 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1529031.90 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1544381.38 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1539856.75 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1499836.52 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1483977.62 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1506113.40 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1519777.05 |       | A        | 1.3 |

**103 Rh (ISTD) [No Gas]**

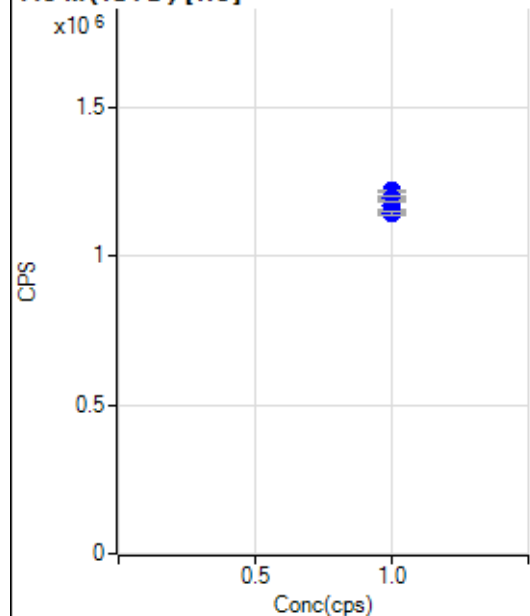
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6369057.52 |       | A        | 3.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5706986.50 |       | A        | 9.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6551265.86 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6209864.12 |       | A        | 2.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6336058.39 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6165665.50 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6263892.76 |       | A        | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5642197.74 |       | A        | 1.4 |

**103 Rh (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2705303.57 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2751849.34 |       | A        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2760087.36 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2704796.04 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2669224.44 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2621838.54 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2609388.15 |       | A        | 2.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2459219.98 |       | A        | 0.8 |

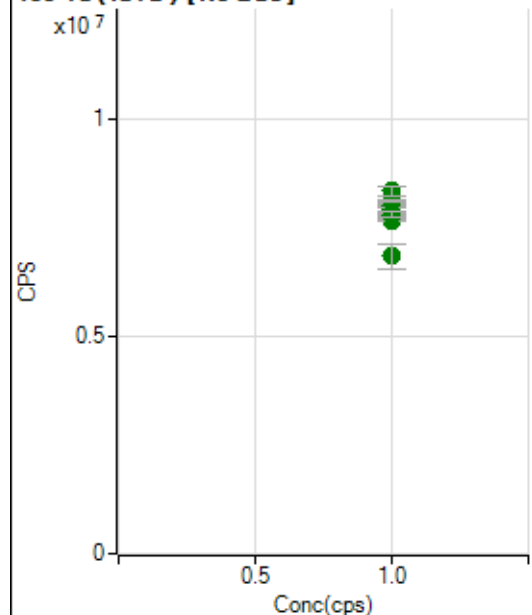
**115 In (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 6646787.02 |       | A        | 1.9  |
| 2 | <input type="checkbox"/> | 1.000 |            | 6040177.99 |       | A        | 10.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6725062.23 |       | A        | 0.4  |
| 4 | <input type="checkbox"/> | 1.000 |            | 6760576.85 |       | A        | 4.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 6709579.09 |       | A        | 2.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6667337.08 |       | A        | 0.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 6819903.38 |       | A        | 1.8  |
| 8 | <input type="checkbox"/> | 1.000 |            | 6414193.02 |       | A        | 0.9  |

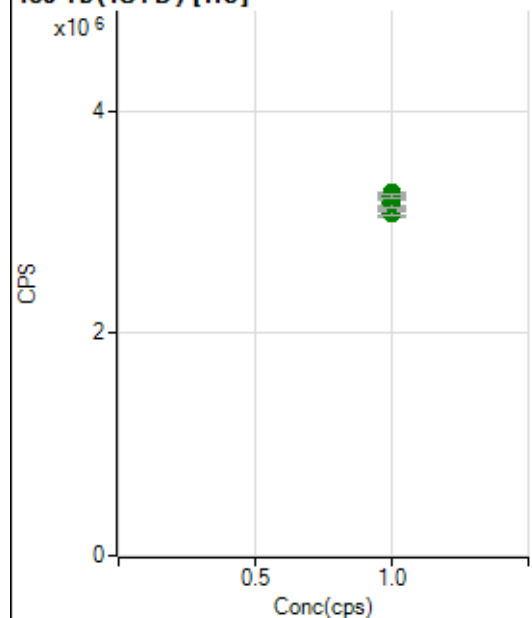
**115 In (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1185963.16 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1199206.69 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1217806.79 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1195172.81 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1167436.26 |       | P        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1146212.33 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1142620.85 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1144374.73 |       | P        | 1.2 |

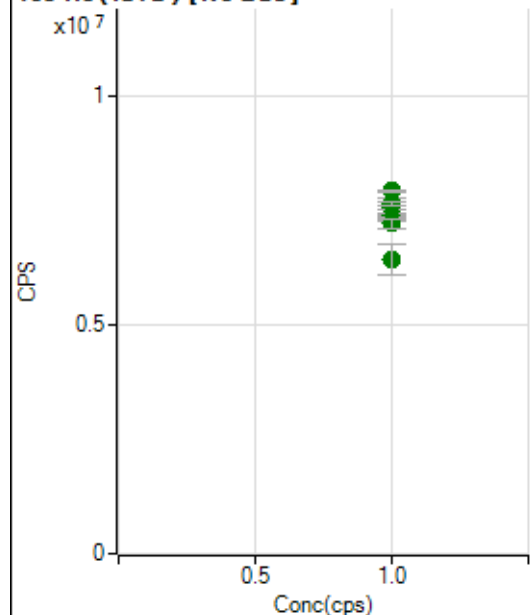


**159 Tb (ISTD) [No Gas]**

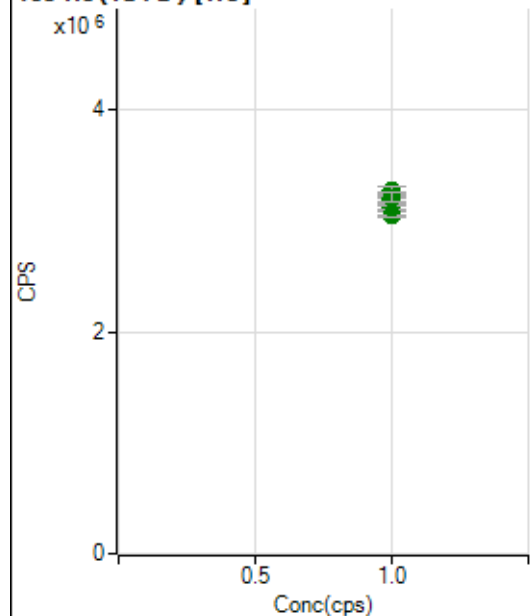
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7640187.39 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6841772.61 |       | A        | 8.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7760967.73 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7883893.91 |       | A        | 3.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7986710.92 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8093251.20 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8332134.46 |       | A        | 2.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7789556.62 |       | A        | 1.7 |

**159 Tb (ISTD) [He]**

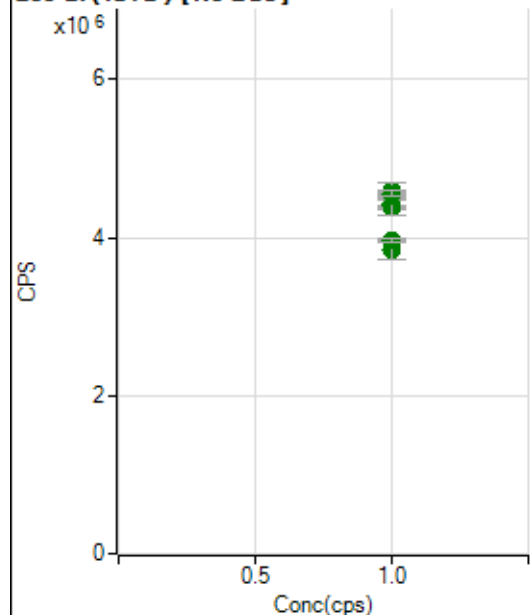
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3098849.29 |       | A        | 3.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3075904.78 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3160851.86 |       | A        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3176545.58 |       | A        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3187397.38 |       | A        | 3.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3188273.35 |       | A        | 3.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3264637.48 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3238408.25 |       | A        | 0.9 |

**165 Ho (ISTD) [No Gas]**

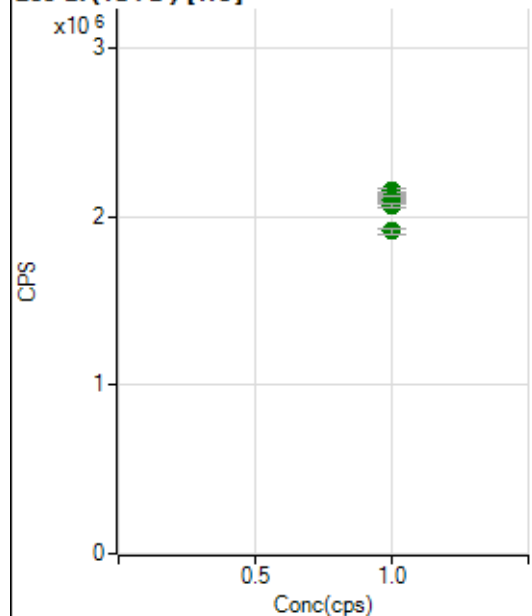
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 7314771.52 |       | A        | 1.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 6436125.79 |       | A        | 10.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7392512.75 |       | A        | 1.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 7222764.74 |       | A        | 2.9  |
| 5 | <input type="checkbox"/> | 1.000 |            | 7567868.05 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 7688194.36 |       | A        | 1.8  |
| 7 | <input type="checkbox"/> | 1.000 |            | 7925042.02 |       | A        | 0.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 7639670.74 |       | A        | 0.7  |

**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3061453.56 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3051479.02 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3129847.87 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3195286.62 |       | A        | 2.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3152192.38 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3220346.41 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3272541.03 |       | A        | 2.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3211794.05 |       | A        | 2.6 |

**209 Bi (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4375243.48 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3840528.97 |       | A        | 6.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4432157.40 |       | A        | 2.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4414326.18 |       | A        | 5.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4519886.67 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4590423.16 |       | A        | 4.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4557034.45 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3963927.20 |       | A        | 0.8 |

**209 Bi (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2063821.71 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2090758.20 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2150427.36 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2123560.12 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2101392.21 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2099223.53 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2059984.53 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1911035.54 |       | A        | 1.4 |

# US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8051222 MS.b

Acq. Date-Time 2022-05-12 12:32:51

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

## Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%   | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|--------|-----------------|
| 9    |              | 10897 | 108972.90 |                            |             | 0.669  | 5.000           |
| 24   |              | 64139 | 641390.77 |                            |             | 2.012  | 5.000           |
| 25   |              | 8433  | 84332.87  |                            |             | 0.800  | 5.000           |
| 26   |              | 9914  | 99138.68  |                            |             | 0.896  | 5.000           |
| 59   |              | 14704 | 147040.69 |                            |             | 0.472  | 5.000           |
| 113  |              | 7172  | 71721.99  |                            |             | 0.785  | 5.000           |
| 115  |              | 22812 | 228123.37 |                            |             | 3.021  | 5.000           |
| 206  |              | 8125  | 81251.16  |                            |             | 1.095  | 5.000           |
| 207  |              | 6795  | 67953.70  |                            |             | 1.515  | 5.000           |
| 208  |              | 16537 | 165366.19 |                            |             | 1.117  | 5.000           |
| 220  |              | 0     | 4.30      |                            |             | 21.123 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 9    |             |
| 24   |             |
| 25   |             |
| 26   |             |
| 59   |             |
| 113  |             |
| 115  |             |
| 206  |             |
| 207  |             |
| 208  |             |
| 220  |             |

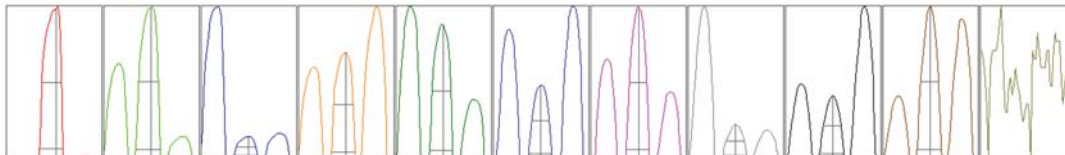
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 9    | 10857       | 10949       | 10984       | 10800       | 10896       |
| 24   | 64336       | 65576       | 63650       | 62214       | 64920       |
| 25   | 8529        | 8427        | 8439        | 8338        | 8434        |
| 26   | 9962        | 10024       | 9936        | 9814        | 9833        |
| 59   | 14769       | 14709       | 14710       | 14588       | 14743       |
| 113  | 7198        | 7083        | 7150        | 7208        | 7220        |
| 115  | 23818       | 23148       | 22702       | 22148       | 22245       |
| 206  | 8063        | 8157        | 8079        | 8059        | 8268        |
| 207  | 6809        | 6729        | 6789        | 6691        | 6959        |
| 208  | 16511       | 16434       | 16653       | 16307       | 16779       |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 220  | 0           | 1           | 0           | 0           | 1           |

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 18735.75    | 9.10   | 8.90 - 9.10     |             |
| 24   | 108083.16   | 24.00  | 23.90 - 24.10   |             |
| 25   | 14614.92    | 25.00  | 24.90 - 25.10   |             |
| 26   | 16935.19    | 26.00  | 25.90 - 26.10   |             |
| 59   | 26429.41    | 59.00  | 58.90 - 59.10   |             |
| 113  | 13824.91    | 113.00 | 112.90 - 113.10 |             |
| 115  | 44121.94    | 115.05 | 114.90 - 115.10 |             |
| 206  | 15347.72    | 206.00 | 205.90 - 206.10 |             |
| 207  | 12845.32    | 207.00 | 206.90 - 207.10 |             |
| 208  | 31550.53    | 208.00 | 207.90 - 208.10 |             |
| 220  |             |        | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.61  | 0.737 | 0.900           |             |
| 24   | 0.62  | 0.780 | 0.900           |             |
| 25   | 0.61  | 0.741 | 0.900           |             |
| 26   | 0.62  | 0.741 | 0.900           |             |
| 59   | 0.59  | 0.733 | 0.900           |             |
| 113  | 0.54  | 0.726 | 0.900           |             |
| 115  | 0.54  | 0.721 | 0.900           |             |
| 206  | 0.56  | 0.743 | 0.900           |             |
| 207  | 0.56  | 0.776 | 0.900           |             |
| 208  | 0.56  | 0.772 | 0.900           |             |
| 220  | 0.94  |       |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

|              |         |                |          |               |            |
|--------------|---------|----------------|----------|---------------|------------|
| RF Power     | 1600 W  | Option Gas     | ---      | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C     |               |            |

## Lens Parameters

|            |          |               |       |            |        |
|------------|----------|---------------|-------|------------|--------|
| Extract 1  | -6.0 V   | Omega Lens    | 7.9 V | Deflect    | 15.6 V |
| Extract 2  | -145.0 V | Cell Entrance | -30 V | Plate Bias | -50 V  |
| Omega Bias | -85 V    | Cell Exit     | -50 V |            |        |

## Cell Parameters

|         |            |              |        |                       |       |
|---------|------------|--------------|--------|-----------------------|-------|
| Use Gas | No         | 3rd Gas Flow | ---    | Energy Discrimination | 4.0 V |
| He Flow | 0.0 mL/min | OctP Bias    | -8.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 150 V  |                       |       |

## QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 124 | Axis Gain   | 0.9994 | QP Bias | -4.0 V |
| Mass Offset | 126 | Axis Offset | 0.00   |         |        |

## Hardware Settings

### Torch

|         |        |         |         |
|---------|--------|---------|---------|
| Torch H | 0.1 mm | Torch V | -0.2 mm |
|---------|--------|---------|---------|

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.4 mV | Analog HV | 2331 V | Pulse HV | 1709 V |
|---------------|--------|-----------|--------|----------|--------|

[He]

## Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 3048  | 30482.25  |                            |             | 1.639 |                 |
| 89   |              | 13864 | 138637.22 |                            |             | 2.102 |                 |
| 205  |              | 17436 | 174355.81 |                            |             | 2.181 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 59   |             |
| 89   |             |
| 205  |             |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 3055        | 3113        | 3074        | 2985        | 3014        |
| 89   | 14181       | 13995       | 14028       | 13498       | 13616       |
| 205  | 17719       | 17874       | 17465       | 16954       | 17166       |

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

|              |         |                |            |               |            |
|--------------|---------|----------------|------------|---------------|------------|
| Plasma Mode  | ---     | Nebulizer Gas  | 0.75 L/min | Dilution Gas  | 0.40 L/min |
| RF Power     | 1600 W  | Option Gas     | ---        | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps   | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C       |               |            |

### Lens Parameters

|           |        |            |       |         |       |
|-----------|--------|------------|-------|---------|-------|
| Extract 1 | -6.0 V | Omega Lens | 7.9 V | Deflect | 2.2 V |
|-----------|--------|------------|-------|---------|-------|

# US EPA Tune Check Report

|            |          |               |       |            |       |
|------------|----------|---------------|-------|------------|-------|
| Extract 2  | -145.0 V | Cell Entrance | -50 V | Plate Bias | -60 V |
| Omega Bias | -85 V    | Cell Exit     | -70 V |            |       |

## Cell Parameters

|         |            |              |         |                       |       |
|---------|------------|--------------|---------|-----------------------|-------|
| Use Gas | Yes        | 3rd Gas Flow | ---     | Energy Discrimination | 5.0 V |
| He Flow | 4.5 mL/min | OctP Bias    | -18.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 190 V   |                       |       |

## QP Parameters

|             |     |             |        |         |         |
|-------------|-----|-------------|--------|---------|---------|
| Mass Gain   | 124 | Axis Gain   | 0.9994 | QP Bias | -13.0 V |
| Mass Offset | 126 | Axis Offset | 0.00   |         |         |

## Hardware Settings

### Torch

|         |        |         |         |
|---------|--------|---------|---------|
| Torch H | 0.1 mm | Torch V | -0.2 mm |
|---------|--------|---------|---------|

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.4 mV | Analog HV | 2331 V | Pulse HV | 1709 V |
|---------------|--------|-----------|--------|----------|--------|

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.14   | -0.18   | 0.32    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.02   | -0.02   | 0.05    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.03    | -0.01   | -0.02   | 0.00       | N/A     | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.48   | -1.38   | 1.86    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.18   | -0.14   | 0.32    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.63    | 0.21    | -0.84   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.08    | 0.01    | -0.09   | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.02   | 0.02    | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | -0.16   | -0.11   | 0.28    | 0.00       | N/A     | ppb   |
| Iron       | 56-2  | 0.17    | -0.11   | -0.05   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.53   | 0.35    | 0.17    | 0.00       | N/A     | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.02   | -0.17   | 0.19    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -15.20  | -12.77  | -10.76  | -12.91     |         | ppb   |
| Potassium  | 39-2  | 0.30    | -0.34   | 0.03    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.51    | -0.26   | -0.26   | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.55   | 0.27    | 0.27    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.05   | 0.11    | -0.06   | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.11   | 0.83    | -0.72   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.12   | 0.09    | 0.02    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -514.90 | -420.97 | -348.01 | -427.96    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.01   | -0.02   | 0.03    | 0.00       | N/A     | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.07    | 0.04    | -0.11   | 0.00       | N/A     | ppb   |
| Zirconium | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.63   | 18.47   | 17.86   | 17.99      | 2.41    | ppb   |
| Antimony   | 121-1 | 2.09    | 2.34    | 2.28    | 2.24       | 5.77    | ppb   |
| Arsenic    | 75-2  | 1.04    | 1.02    | 1.02    | 1.03       | 1.16    | ppb   |
| Barium     | 135-1 | 9.64    | 11.54   | 10.71   | 10.63      | 8.97    | ppb   |
| Barium     | 137-1 | 9.68    | 11.69   | 11.14   | 10.83      | 9.59    | ppb   |
| Beryllium  | 9-1   | 1.13    | 1.32    | 1.16    | 1.20       | 8.40    | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 12.37   | 15.66   | 14.76   | 14.27      | 11.92   | ppb   |
| Boron      | 11-1  | 12.92   | 16.55   | 15.50   | 14.99      | 12.44   | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.15    | 1.31    | 1.19    | 1.22       | 6.75    | ppb   |
| Cadmium    | 106-1 | 2.77    | 2.54    | 1.18    | 2.17       | 39.60   | ppb   |
| Cadmium    | 108-1 | 1.08    | 1.56    | 1.72    | 1.45       | 22.70   | ppb   |
| Calcium    | 43-1  | 467.50  | 570.60  | 519.84  | 519.31     | 9.93    | ppb   |
| Calcium    | 44-1  | 471.10  | 569.05  | 534.18  | 524.78     | 9.46    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.78    | 1.89    | 1.89    | 1.85       | 3.48    | ppb   |
| Cobalt     | 59-2  | 0.98    | 0.97    | 0.96    | 0.97       | 0.87    | ppb   |
| Copper     | 63-2  | 2.05    | 2.06    | 1.98    | 2.03       | 2.10    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 88         |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 91         |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 55.98   | 49.97   | 49.49   | 51.81      | 6.98    | ppb   |
| Iron       | 56-2  | 47.73   | 48.55   | 48.88   | 48.39      | 1.22    | ppb   |
| Iron       | 57-2  | 43.22   | 50.58   | 49.21   | 47.67      | 8.21    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.86    | 1.02    | 1.05    | 0.97       | 10.65   | ppb   |
| Lead       | 207-1 | 0.91    | 1.06    | 1.07    | 1.02       | 8.70    | ppb   |
| Lead       | 208-1 | 0.91    | 1.03    | 1.05    | 1.00       | 7.94    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | 494.77  | 481.17  | 478.71  | 484.88     | 1.78    | ppb   |
| Manganese  | 55-2  | 0.86    | 1.02    | 0.93    | 0.94       | 8.57    | ppb   |
| Molybdenum | 94-1  | 5.81    | 6.93    | 6.32    | 6.35       | 8.81    | ppb   |
| Molybdenum | 95-1  | 4.64    | 5.84    | 5.44    | 5.31       | 11.52   | ppb   |
| Molybdenum | 96-1  | 5.04    | 6.03    | 5.62    | 5.56       | 8.97    | ppb   |
| Molybdenum | 97-1  | 4.78    | 6.20    | 5.66    | 5.55       | 12.97   | ppb   |
| Molybdenum | 98-1  | 4.82    | 5.82    | 5.59    | 5.41       | 9.63    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.04    | 1.00    | 0.95    | 1.00       | 4.68    | ppb   |
| Phosphorus | 31-2  | 17.72   | 4.92    | 16.10   | 12.91      | 53.99   | ppb   |
| Potassium  | 39-2  | 474.86  | 470.46  | 457.06  | 467.46     | 1.98    | ppb   |
| Rhodium    | 103-1 |         |         |         | 90         |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 91         |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 4.62    | 4.62    | 5.61    | 4.95       | 11.51   | ppb   |
| Selenium   | 77-2  | 2.48    | 6.92    | 1.86    | 3.76       | 73.49   | ppb   |
| Selenium   | 78-2  | 5.39    | 6.77    | 5.59    | 5.91       | 12.62   | ppb   |
| Silicon    | 28-1  | 1.40    | 4.09    | 2.77    | 2.75       | 48.84   | ppb   |
| Silver     | 107-1 | 0.97    | 1.24    | 1.17    | 1.13       | 12.69   | ppb   |
| Silver     | 109-1 | 1.02    | 1.32    | 1.18    | 1.17       | 12.64   | ppb   |
| Sodium     | 23-2  | 450.79  | 458.92  | 459.38  | 456.36     | 1.06    | ppb   |
| Strontium  | 86-1  | 0.81    | 1.66    | 1.49    | 1.32       | 34.09   | ppb   |
| Strontium  | 88-1  | 0.92    | 1.20    | 1.08    | 1.06       | 13.05   | ppb   |
| Sulfur     | 34-1  | -337.63 | 1090.32 | 531.18  | 427.96     | 168.14  | ppb   |
| Terbium    | 159-1 |         |         |         | 90         |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.84    | 1.12    | 1.00    | 0.98       | 13.92   | ppb   |
| Thallium   | 205-1 | 0.96    | 1.11    | 1.04    | 1.04       | 6.97    | ppb   |
| Tin        | 118-1 | 5.04    | 5.88    | 5.53    | 5.49       | 7.65    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.07    | 6.21    | 5.76    | 5.68       | 10.10   | ppb   |
| Uranium   | 238-1 | 0.89    | 1.03    | 1.05    | 0.99       | 9.07    | ppb   |
| Vanadium  | 51-2  | 4.73    | 4.53    | 4.78    | 4.68       | 2.85    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 92         |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 2.17    | 2.19    | 1.86    | 2.07       | 8.93    | ppb   |
| Zirconium | 90-1  | 0.95    | 1.13    | 1.03    | 1.04       | 9.05    | ppb   |
| Zirconium | 91-1  | 0.88    | 1.08    | 0.99    | 0.98       | 10.01   | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 949.20  | 947.28  | 936.03  | 944.17     | 0.75    | ppb   |
| Antimony   | 121-1 | 51.46   | 52.68   | 51.15   | 51.76      | 1.56    | ppb   |
| Arsenic    | 75-2  | 52.22   | 52.08   | 51.79   | 52.03      | 0.43    | ppb   |
| Barium     | 135-1 | 247.71  | 248.85  | 250.50  | 249.02     | 0.56    | ppb   |
| Barium     | 137-1 | 246.56  | 253.49  | 252.79  | 250.95     | 1.52    | ppb   |
| Beryllium  | 9-1   | 52.20   | 53.13   | 55.05   | 53.46      | 2.71    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 45.84   | 48.53   | 51.52   | 48.63      | 5.84    | ppb   |
| Boron      | 11-1  | 48.09   | 53.25   | 54.98   | 52.10      | 6.89    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 52.61   | 54.69   | 53.28   | 53.53      | 1.99    | ppb   |
| Cadmium    | 106-1 | 59.66   | 58.63   | 56.58   | 58.29      | 2.70    | ppb   |
| Cadmium    | 108-1 | 52.09   | 56.06   | 53.52   | 53.89      | 3.73    | ppb   |
| Calcium    | 43-1  | 4870.05 | 5067.61 | 4928.96 | 4955.54    | 2.05    | ppb   |
| Calcium    | 44-1  | 5037.78 | 5012.50 | 4986.04 | 5012.11    | 0.52    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 47.98   | 49.63   | 48.57   | 48.73      | 1.72    | ppb   |
| Cobalt     | 59-2  | 49.85   | 49.53   | 48.76   | 49.38      | 1.14    | ppb   |
| Copper     | 63-2  | 511.21  | 523.75  | 505.32  | 513.42     | 1.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 2571.06 | 2577.37 | 2533.46 | 2560.63    | 0.93    | ppb   |
| Iron       | 56-2  | 2701.53 | 2647.75 | 2617.48 | 2655.59    | 1.60    | ppb   |
| Iron       | 57-2  | 2571.17 | 2543.54 | 2462.25 | 2525.65    | 2.24    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 223.26  | 231.44  | 225.81  | 226.84     | 1.85    | ppb   |
| Lead       | 207-1 | 228.21  | 234.96  | 235.16  | 232.77     | 1.70    | ppb   |
| Lead       | 208-1 | 241.33  | 244.74  | 242.29  | 242.79     | 0.73    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 5099.11 | 5178.24 | 4966.80 | 5081.38    | 2.10    | ppb   |
| Manganese  | 55-2  | 484.22  | 498.54  | 491.89  | 491.55     | 1.46    | ppb   |
| Molybdenum | 94-1  | 497.44  | 511.65  | 504.38  | 504.49     | 1.41    | ppb   |
| Molybdenum | 95-1  | 500.37  | 503.51  | 509.40  | 504.43     | 0.91    | ppb   |
| Molybdenum | 96-1  | 506.76  | 514.54  | 516.33  | 512.54     | 0.99    | ppb   |
| Molybdenum | 97-1  | 497.57  | 510.09  | 512.82  | 506.83     | 1.60    | ppb   |
| Molybdenum | 98-1  | 518.09  | 519.12  | 525.22  | 520.81     | 0.74    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.15   | 54.13   | 52.94   | 53.07      | 1.87    | ppb   |
| Phosphorus | 31-2  | 927.86  | 1048.10 | 1038.09 | 1004.69    | 6.64    | ppb   |
| Potassium  | 39-2  | 2471.51 | 2467.78 | 2430.87 | 2456.72    | 0.91    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | 52.79   | 55.30   | 55.40   | 54.50      | 2.72    | ppb   |
| Selenium   | 77-2  | 57.81   | 51.37   | 58.12   | 55.77      | 6.83    | ppb   |
| Selenium   | 78-2  | 55.47   | 53.13   | 49.94   | 52.84      | 5.25    | ppb   |
| Silicon    | 28-1  | 51.74   | 54.73   | 53.89   | 53.45      | 2.88    | ppb   |
| Silver     | 107-1 | 52.32   | 54.79   | 52.61   | 53.24      | 2.53    | ppb   |
| Silver     | 109-1 | 52.98   | 54.82   | 54.73   | 54.18      | 1.92    | ppb   |
| Sodium     | 23-2  | 4834.80 | 5144.02 | 5019.72 | 4999.51    | 3.11    | ppb   |
| Strontium  | 86-1  | 49.67   | 50.46   | 50.23   | 50.12      | 0.81    | ppb   |
| Strontium  | 88-1  | 49.64   | 50.99   | 50.51   | 50.38      | 1.35    | ppb   |
| Sulfur     | 34-1  | 741.07  | 1015.74 | 818.99  | 858.60     | 16.49   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 46.73   | 48.86   | 44.27   | 46.62      | 4.92    | ppb   |
| Thallium   | 205-1 | 47.57   | 50.13   | 46.13   | 47.95      | 4.22    | ppb   |
| Tin        | 118-1 | 50.85   | 52.45   | 50.77   | 51.36      | 1.85    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 518.33  | 530.33  | 517.82  | 522.16     | 1.36    | ppb   |
| Uranium   | 238-1 | 45.58   | 47.61   | 43.22   | 45.47      | 4.82    | ppb   |
| Vanadium  | 51-2  | 49.08   | 49.22   | 47.35   | 48.55      | 2.15    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 516.15  | 515.26  | 519.12  | 516.84     | 0.39    | ppb   |
| Zirconium | 90-1  | 49.62   | 51.78   | 50.89   | 50.76      | 2.14    | ppb   |
| Zirconium | 91-1  | 48.83   | 50.68   | 49.41   | 49.64      | 1.90    | ppb   |



|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2403.14  | 2401.22  | 2390.61  | 2398.32    | 0.28    | ppb   |
| Antimony   | 121-1 | 133.10   | 124.24   | 126.83   | 128.06     | 3.56    | ppb   |
| Arsenic    | 75-2  | 132.02   | 129.27   | 123.26   | 128.18     | 3.49    | ppb   |
| Barium     | 135-1 | 656.71   | 613.29   | 625.32   | 631.77     | 3.55    | ppb   |
| Barium     | 137-1 | 681.36   | 624.51   | 628.65   | 644.84     | 4.91    | ppb   |
| Beryllium  | 9-1   | 136.56   | 138.52   | 134.93   | 136.67     | 1.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 111.55   | 119.11   | 121.84   | 117.50     | 4.54    | ppb   |
| Boron      | 11-1  | 123.50   | 126.12   | 130.15   | 126.59     | 2.65    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 133.05   | 127.99   | 129.41   | 130.15     | 2.00    | ppb   |
| Cadmium    | 106-1 | 142.46   | 133.04   | 132.99   | 136.17     | 4.01    | ppb   |
| Cadmium    | 108-1 | 139.22   | 135.59   | 133.92   | 136.25     | 1.99    | ppb   |
| Calcium    | 43-1  | 12678.18 | 12559.98 | 12572.20 | 12603.45   | 0.52    | ppb   |
| Calcium    | 44-1  | 13183.82 | 12254.40 | 12462.98 | 12633.73   | 3.86    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 124.87   | 123.26   | 122.36   | 123.50     | 1.03    | ppb   |
| Cobalt     | 59-2  | 126.89   | 124.39   | 123.10   | 124.79     | 1.55    | ppb   |
| Copper     | 63-2  | 1369.78  | 1337.17  | 1345.55  | 1350.84    | 1.25    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 54-2  | 6482.35  | 6420.05  | 6306.72  | 6403.04    | 1.39    | ppb   |
| Iron       | 56-2  | 6597.43  | 6577.27  | 6601.93  | 6592.21    | 0.20    | ppb   |
| Iron       | 57-2  | 6343.23  | 6293.30  | 6287.74  | 6308.09    | 0.48    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 694.11   | 636.88   | 603.35   | 644.78     | 7.12    | ppb   |
| Lead       | 207-1 | 676.18   | 643.67   | 610.39   | 643.41     | 5.11    | ppb   |
| Lead       | 208-1 | 670.55   | 641.34   | 610.80   | 640.90     | 4.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 13684.85 | 13186.04 | 12864.52 | 13245.14   | 3.12    | ppb   |
| Manganese  | 55-2  | 1289.44  | 1282.54  | 1328.67  | 1300.22    | 1.91    | ppb   |
| Molybdenum | 94-1  | 1364.47  | 1264.27  | 1288.48  | 1305.74    | 4.00    | ppb   |
| Molybdenum | 95-1  | 1344.46  | 1242.56  | 1270.65  | 1285.89    | 4.09    | ppb   |
| Molybdenum | 96-1  | 1343.75  | 1239.27  | 1288.31  | 1290.44    | 4.05    | ppb   |
| Molybdenum | 97-1  | 1363.53  | 1273.64  | 1276.32  | 1304.49    | 3.92    | ppb   |
| Molybdenum | 98-1  | 1333.58  | 1247.97  | 1266.31  | 1282.62    | 3.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 134.96   | 133.24   | 129.52   | 132.57     | 2.10    | ppb   |
| Phosphorus | 31-2  | 2570.11  | 2517.04  | 2381.23  | 2489.46    | 3.91    | ppb   |
| Potassium  | 39-2  | 6251.73  | 6114.41  | 6067.47  | 6144.53    | 1.56    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 82-1  | 139.05   | 132.87   | 137.68   | 136.53     | 2.38    | ppb   |
| Selenium   | 77-2  | 122.26   | 128.62   | 134.12   | 128.33     | 4.62    | ppb   |
| Selenium   | 78-2  | 129.39   | 134.93   | 126.06   | 130.13     | 3.44    | ppb   |
| Silicon    | 28-1  | 118.98   | 116.37   | 114.16   | 116.50     | 2.07    | ppb   |
| Silver     | 107-1 | 139.61   | 135.10   | 134.11   | 136.28     | 2.15    | ppb   |
| Silver     | 109-1 | 135.82   | 126.86   | 131.12   | 131.27     | 3.42    | ppb   |
| Sodium     | 23-2  | 13024.21 | 12580.36 | 12241.47 | 12615.35   | 3.11    | ppb   |
| Strontium  | 86-1  | 134.45   | 123.57   | 126.32   | 128.11     | 4.42    | ppb   |
| Strontium  | 88-1  | 138.38   | 126.42   | 130.43   | 131.74     | 4.62    | ppb   |
| Sulfur     | 34-1  | 2995.18  | 2810.48  | 2942.12  | 2915.92    | 3.26    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 129.32   | 122.20   | 116.88   | 122.80     | 5.08    | ppb   |
| Thallium   | 205-1 | 135.55   | 123.79   | 117.27   | 125.54     | 7.38    | ppb   |
| Tin        | 118-1 | 133.89   | 126.75   | 126.52   | 129.05     | 3.25    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1394.92 | 1270.42 | 1309.39 | 1324.91    | 4.81    | ppb   |
| Uranium   | 238-1 | 132.47  | 121.72  | 123.69  | 125.96     | 4.54    | ppb   |
| Vanadium  | 51-2  | 125.67  | 122.84  | 120.62  | 123.04     | 2.06    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 1331.43 | 1317.32 | 1326.31 | 1325.02    | 0.54    | ppb   |
| Zirconium | 90-1  | 139.60  | 130.49  | 131.24  | 133.78     | 3.78    | ppb   |
| Zirconium | 91-1  | 132.42  | 123.80  | 127.09  | 127.77     | 3.41    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:34:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4930.18  | 4937.91  | 4815.60  | 4894.56    | 1.40    | ppb   |
| Antimony   | 121-1 | 263.27   | 257.57   | 255.44   | 258.76     | 1.56    | ppb   |
| Arsenic    | 75-2  | 258.30   | 260.33   | 257.58   | 258.74     | 0.55    | ppb   |
| Barium     | 135-1 | 1350.95  | 1334.39  | 1292.15  | 1325.83    | 2.29    | ppb   |
| Barium     | 137-1 | 1326.36  | 1316.88  | 1267.03  | 1303.42    | 2.45    | ppb   |
| Beryllium  | 9-1   | 268.87   | 275.56   | 275.16   | 273.20     | 1.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 228.55   | 253.90   | 256.17   | 246.21     | 6.23    | ppb   |
| Boron      | 11-1  | 245.03   | 269.52   | 274.77   | 263.10     | 6.03    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 258.03   | 254.32   | 259.55   | 257.30     | 1.04    | ppb   |
| Cadmium    | 106-1 | 273.33   | 280.55   | 267.82   | 273.90     | 2.33    | ppb   |
| Cadmium    | 108-1 | 278.77   | 272.07   | 260.25   | 270.36     | 3.47    | ppb   |
| Calcium    | 43-1  | 25495.41 | 25196.99 | 24815.50 | 25169.30   | 1.35    | ppb   |
| Calcium    | 44-1  | 25407.55 | 24776.38 | 24567.55 | 24917.16   | 1.76    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 246.50   | 252.14   | 244.16   | 247.60     | 1.66    | ppb   |
| Cobalt     | 59-2  | 253.21   | 253.48   | 244.99   | 250.56     | 1.93    | ppb   |
| Copper     | 63-2  | 2658.53  | 2666.60  | 2607.98  | 2644.37    | 1.20    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 54-2  | 13129.51 | 13107.03 | 12629.63 | 12955.39   | 2.18    | ppb   |
| Iron       | 56-2  | 13454.90 | 13472.12 | 13051.59 | 13326.21   | 1.79    | ppb   |
| Iron       | 57-2  | 12880.97 | 13029.22 | 12674.13 | 12861.44   | 1.39    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:34:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1307.62  | 1337.54  | 1235.69  | 1293.62    | 4.05    | ppb   |
| Lead       | 207-1 | 1244.00  | 1326.85  | 1278.87  | 1283.24    | 3.24    | ppb   |
| Lead       | 208-1 | 1260.18  | 1325.00  | 1275.66  | 1286.95    | 2.63    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 27518.17 | 27598.52 | 26651.73 | 27256.14   | 1.93    | ppb   |
| Manganese  | 55-2  | 2664.27  | 2648.61  | 2585.80  | 2632.89    | 1.58    | ppb   |
| Molybdenum | 94-1  | 2566.63  | 2539.47  | 2593.73  | 2566.61    | 1.06    | ppb   |
| Molybdenum | 95-1  | 2550.48  | 2621.46  | 2568.01  | 2579.98    | 1.43    | ppb   |
| Molybdenum | 96-1  | 2596.34  | 2592.12  | 2542.40  | 2576.95    | 1.16    | ppb   |
| Molybdenum | 97-1  | 2613.96  | 2589.52  | 2582.30  | 2595.26    | 0.64    | ppb   |
| Molybdenum | 98-1  | 2588.12  | 2619.80  | 2581.07  | 2596.33    | 0.79    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 267.67   | 270.84   | 256.58   | 265.03     | 2.83    | ppb   |
| Phosphorus | 31-2  | 5207.31  | 5264.55  | 5184.81  | 5218.89    | 0.79    | ppb   |
| Potassium  | 39-2  | 13012.09 | 13247.42 | 12351.38 | 12870.30   | 3.61    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 82-1  | 267.40   | 273.30   | 263.81   | 268.17     | 1.79    | ppb   |
| Selenium   | 77-2  | 261.32   | 288.54   | 288.47   | 279.44     | 5.62    | ppb   |
| Selenium   | 78-2  | 262.18   | 261.91   | 263.78   | 262.62     | 0.38    | ppb   |
| Silicon    | 28-1  | 245.48   | 249.04   | 251.09   | 248.54     | 1.14    | ppb   |
| Silver     | 107-1 | 280.53   | 278.85   | 274.36   | 277.91     | 1.15    | ppb   |
| Silver     | 109-1 | 283.00   | 273.83   | 268.40   | 275.08     | 2.68    | ppb   |
| Sodium     | 23-2  | 26458.58 | 26143.14 | 25714.55 | 26105.42   | 1.43    | ppb   |
| Strontium  | 86-1  | 256.70   | 251.62   | 252.72   | 253.68     | 1.05    | ppb   |
| Strontium  | 88-1  | 255.85   | 258.24   | 257.79   | 257.29     | 0.49    | ppb   |
| Sulfur     | 34-1  | 6048.30  | 6233.73  | 6134.75  | 6138.93    | 1.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 242.45   | 243.40   | 236.74   | 240.87     | 1.50    | ppb   |
| Thallium   | 205-1 | 265.42   | 272.57   | 249.47   | 262.49     | 4.51    | ppb   |
| Tin        | 118-1 | 260.95   | 255.23   | 257.98   | 258.05     | 1.11    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:34:29 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2585.27 | 2687.59 | 2549.19 | 2607.35    | 2.75    | ppb   |
| Uranium   | 238-1 | 248.38  | 244.91  | 237.25  | 243.51     | 2.34    | ppb   |
| Vanadium  | 51-2  | 253.25  | 251.64  | 241.78  | 248.89     | 2.50    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 2602.08 | 2659.30 | 2555.04 | 2605.47    | 2.00    | ppb   |
| Zirconium | 90-1  | 260.27  | 261.29  | 257.73  | 259.76     | 0.71    | ppb   |
| Zirconium | 91-1  | 249.95  | 254.60  | 256.02  | 253.53     | 1.25    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:37:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9672.48  | 9625.13  | 9509.29  | 9602.30    | 0.87    | ppb   |
| Antimony   | 121-1 | 509.21   | 499.34   | 512.64   | 507.07     | 1.36    | ppb   |
| Arsenic    | 75-2  | 511.41   | 497.23   | 495.31   | 501.32     | 1.75    | ppb   |
| Barium     | 135-1 | 2545.35  | 2499.96  | 2539.42  | 2528.25    | 0.98    | ppb   |
| Barium     | 137-1 | 2528.35  | 2445.62  | 2520.99  | 2498.32    | 1.83    | ppb   |
| Beryllium  | 9-1   | 527.20   | 500.80   | 515.62   | 514.54     | 2.57    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 481.18   | 506.04   | 516.76   | 501.32     | 3.64    | ppb   |
| Boron      | 11-1  | 498.74   | 506.00   | 528.83   | 511.19     | 3.07    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 484.77   | 501.56   | 495.97   | 494.10     | 1.73    | ppb   |
| Cadmium    | 106-1 | 517.58   | 520.43   | 510.69   | 516.23     | 0.97    | ppb   |
| Cadmium    | 108-1 | 519.37   | 505.71   | 525.62   | 516.90     | 1.97    | ppb   |
| Calcium    | 43-1  | 48566.52 | 48492.35 | 50409.02 | 49155.96   | 2.21    | ppb   |
| Calcium    | 44-1  | 47847.11 | 48622.32 | 49839.02 | 48769.48   | 2.06    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 486.70   | 485.97   | 474.46   | 482.37     | 1.42    | ppb   |
| Cobalt     | 59-2  | 520.00   | 507.02   | 508.56   | 511.86     | 1.39    | ppb   |
| Copper     | 63-2  | 5223.75  | 5132.71  | 5161.25  | 5172.57    | 0.90    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 54-2  | 26864.42 | 26799.81 | 26867.99 | 26844.08   | 0.14    | ppb   |
| Iron       | 56-2  | 25779.51 | 25700.53 | 25588.68 | 25689.58   | 0.37    | ppb   |
| Iron       | 57-2  | 24994.74 | 24304.55 | 24902.73 | 24734.01   | 1.52    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:37:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2347.57  | 2526.82  | 2455.26  | 2443.22    | 3.69    | ppb   |
| Lead       | 207-1 | 2387.46  | 2536.85  | 2479.57  | 2467.96    | 3.05    | ppb   |
| Lead       | 208-1 | 2404.26  | 2528.22  | 2464.02  | 2465.50    | 2.51    | ppb   |
| Lithium    | 6-1   |          |          |          | 110        |         | %     |
| Magnesium  | 24-2  | 54919.21 | 54719.34 | 52288.44 | 53975.66   | 2.71    | ppb   |
| Manganese  | 55-2  | 5022.71  | 5041.93  | 5047.71  | 5037.45    | 0.26    | ppb   |
| Molybdenum | 94-1  | 5069.11  | 4821.67  | 5107.74  | 4999.51    | 3.10    | ppb   |
| Molybdenum | 95-1  | 4964.54  | 4904.60  | 5085.86  | 4985.00    | 1.85    | ppb   |
| Molybdenum | 96-1  | 4988.07  | 4974.11  | 5103.30  | 5021.83    | 1.41    | ppb   |
| Molybdenum | 97-1  | 4943.39  | 4957.35  | 5066.25  | 4989.00    | 1.35    | ppb   |
| Molybdenum | 98-1  | 4974.23  | 5082.25  | 5168.18  | 5074.89    | 1.92    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 511.69   | 508.55   | 510.83   | 510.36     | 0.32    | ppb   |
| Phosphorus | 31-2  | 10165.72 | 10456.16 | 10058.11 | 10226.66   | 2.01    | ppb   |
| Potassium  | 39-2  | 25378.15 | 25063.22 | 24420.15 | 24953.84   | 1.96    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 82-1  | 516.05   | 508.79   | 528.89   | 517.91     | 1.96    | ppb   |
| Selenium   | 77-2  | 505.95   | 477.26   | 511.72   | 498.31     | 3.70    | ppb   |
| Selenium   | 78-2  | 518.44   | 496.92   | 506.70   | 507.35     | 2.12    | ppb   |
| Silicon    | 28-1  | 531.09   | 547.32   | 522.49   | 533.64     | 2.36    | ppb   |
| Silver     | 107-1 | 529.91   | 522.34   | 529.13   | 527.12     | 0.79    | ppb   |
| Silver     | 109-1 | 514.64   | 512.85   | 512.15   | 513.21     | 0.25    | ppb   |
| Sodium     | 23-2  | 51478.26 | 50829.43 | 49789.45 | 50699.04   | 1.68    | ppb   |
| Strontium  | 86-1  | 487.90   | 489.74   | 500.37   | 492.67     | 1.37    | ppb   |
| Strontium  | 88-1  | 501.12   | 504.28   | 511.43   | 505.61     | 1.04    | ppb   |
| Sulfur     | 34-1  | 12026.07 | 12510.53 | 11794.77 | 12110.46   | 3.02    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 472.78   | 520.52   | 493.97   | 495.76     | 4.82    | ppb   |
| Thallium   | 205-1 | 473.58   | 516.32   | 486.42   | 492.11     | 4.46    | ppb   |
| Tin        | 118-1 | 504.49   | 493.93   | 506.61   | 501.68     | 1.35    | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:37:34 | DataFile Name :   | 010CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4972.81 | 4999.73 | 5092.11 | 5021.55    | 1.25    | ppb   |
| Uranium   | 238-1 | 483.67  | 511.87  | 484.71  | 493.42     | 3.24    | ppb   |
| Vanadium  | 51-2  | 490.45  | 483.47  | 480.85  | 484.92     | 1.02    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 5295.96 | 5229.96 | 5322.68 | 5282.87    | 0.90    | ppb   |
| Zirconium | 90-1  | 499.33  | 497.73  | 507.03  | 501.36     | 0.99    | ppb   |
| Zirconium | 91-1  | 488.87  | 483.39  | 503.86  | 492.04     | 2.15    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:40:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20485.77 | 19697.62 | 19713.83 | 19965.74   | 2.26    | ppb   |
| Antimony   | 121-1 | 972.11   | 1020.27  | 989.04   | 993.81     | 2.46    | ppb   |
| Arsenic    | 75-2  | 1021.07  | 981.91   | 987.00   | 996.66     | 2.14    | ppb   |
| Barium     | 135-1 | 4901.76  | 5052.71  | 4943.89  | 4966.12    | 1.57    | ppb   |
| Barium     | 137-1 | 4944.86  | 5184.35  | 4825.65  | 4984.96    | 3.66    | ppb   |
| Beryllium  | 9-1   | 949.87   | 1005.41  | 1000.61  | 985.30     | 3.12    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 959.11   | 988.19   | 1057.39  | 1001.56    | 5.04    | ppb   |
| Boron      | 11-1  | 937.76   | 996.99   | 1038.47  | 991.08     | 5.11    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 1013.67  | 1025.08  | 962.16   | 1000.30    | 3.35    | ppb   |
| Cadmium    | 106-1 | 985.03   | 1001.33  | 965.93   | 984.10     | 1.80    | ppb   |
| Cadmium    | 108-1 | 960.07   | 1026.17  | 968.34   | 984.86     | 3.66    | ppb   |
| Calcium    | 43-1  | 97010.76 | 99384.68 | 96179.78 | 97525.07   | 1.71    | ppb   |
| Calcium    | 44-1  | 96241.26 | 98253.90 | 95712.51 | 96735.89   | 1.39    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 1033.33  | 982.24   | 1013.42  | 1009.66    | 2.55    | ppb   |
| Cobalt     | 59-2  | 1003.48  | 1010.34  | 968.14   | 993.99     | 2.28    | ppb   |
| Copper     | 63-2  | 10134.64 | 9582.56  | 9875.84  | 9864.35    | 2.80    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 54-2  | 53446.56 | 51063.33 | 51438.01 | 51982.63   | 2.47    | ppb   |
| Iron       | 56-2  | 52988.64 | 50080.16 | 49519.67 | 50862.82   | 3.66    | ppb   |
| Iron       | 57-2  | 53654.60 | 52586.26 | 50707.31 | 52316.06   | 2.85    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:40:38 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5094.97   | 5065.98   | 4887.57   | 5016.17    | 2.24    | ppb   |
| Lead       | 207-1 | 5099.08   | 5022.26   | 4897.47   | 5006.27    | 2.03    | ppb   |
| Lead       | 208-1 | 5022.05   | 5062.64   | 4934.48   | 5006.39    | 1.31    | ppb   |
| Lithium    | 6-1   |           |           |           | 114        |         | %     |
| Magnesium  | 24-2  | 109362.86 | 104672.96 | 104775.18 | 106270.33  | 2.52    | ppb   |
| Manganese  | 55-2  | 10187.27  | 9768.92   | 9870.40   | 9942.20    | 2.19    | ppb   |
| Molybdenum | 94-1  | 10044.53  | 10150.79  | 9733.88   | 9976.40    | 2.17    | ppb   |
| Molybdenum | 95-1  | 10069.80  | 10104.12  | 9774.47   | 9982.80    | 1.82    | ppb   |
| Molybdenum | 96-1  | 10119.24  | 9907.57   | 9865.69   | 9964.17    | 1.36    | ppb   |
| Molybdenum | 97-1  | 10223.77  | 9832.85   | 9866.98   | 9974.53    | 2.17    | ppb   |
| Molybdenum | 98-1  | 10109.55  | 9745.77   | 9944.75   | 9933.35    | 1.83    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1008.75   | 978.33    | 982.80    | 989.96     | 1.66    | ppb   |
| Phosphorus | 31-2  | 20139.08  | 19492.78  | 19867.23  | 19833.03   | 1.64    | ppb   |
| Potassium  | 39-2  | 49879.66  | 49148.88  | 49427.49  | 49485.34   | 0.75    | ppb   |
| Rhodium    | 103-1 |           |           |           | 98         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 102        |         | %     |
| Selenium   | 82-1  | 1001.32   | 979.46    | 973.73    | 984.84     | 1.48    | ppb   |
| Selenium   | 77-2  | 1055.05   | 943.04    | 980.26    | 992.78     | 5.75    | ppb   |
| Selenium   | 78-2  | 1009.30   | 983.70    | 984.14    | 992.38     | 1.48    | ppb   |
| Silicon    | 28-1  | 1002.94   | 986.61    | 963.98    | 984.51     | 1.99    | ppb   |
| Silver     | 107-1 | 956.59    | 1010.20   | 966.87    | 977.89     | 2.91    | ppb   |
| Silver     | 109-1 | 967.01    | 1025.29   | 966.10    | 986.13     | 3.44    | ppb   |
| Sodium     | 23-2  | 106282.39 | 99277.96  | 99054.51  | 101538.28  | 4.05    | ppb   |
| Strontium  | 86-1  | 1024.44   | 973.49    | 1009.12   | 1002.35    | 2.61    | ppb   |
| Strontium  | 88-1  | 1015.41   | 971.27    | 996.85    | 994.51     | 2.23    | ppb   |
| Sulfur     | 34-1  | 19174.51  | 18661.50  | 18009.35  | 18615.12   | 3.14    | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 1022.92   | 1004.57   | 987.06    | 1004.85    | 1.78    | ppb   |
| Thallium   | 205-1 | 1022.99   | 998.80    | 980.79    | 1000.86    | 2.12    | ppb   |
| Tin        | 118-1 | 991.34    | 1012.42   | 985.95    | 996.57     | 1.40    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:40:38 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|----------|----------|---------|------------|---------|-------|
| Titanium  | 47-1  | 10024.58 | 10027.38 | 9803.78 | 9951.92    | 1.29    | ppb   |
| Uranium   | 238-1 | 987.18   | 1020.86  | 1007.02 | 1005.02    | 1.68    | ppb   |
| Vanadium  | 51-2  | 1010.50  | 987.32   | 1026.58 | 1008.13    | 1.96    | ppb   |
| Ytterbium | 172-1 |          |          |         |            |         | cps   |
| Ytterbium | 172-2 |          |          |         |            |         | cps   |
| Ytterbium | 176-1 |          |          |         |            |         | cps   |
| Ytterbium | 176-2 |          |          |         |            |         | cps   |
| Yttrium   | 89-1  |          |          |         | 106        |         | %     |
| Yttrium   | 89-2  |          |          |         | 99         |         | %     |
| Zinc      | 66-2  | 9990.29  | 9757.00  | 9718.64 | 9821.98    | 1.50    | ppb   |
| Zirconium | 90-1  | 1004.82  | 997.30   | 985.11  | 995.74     | 1.00    | ppb   |
| Zirconium | 91-1  | 1010.54  | 1008.22  | 989.55  | 1002.77    | 1.15    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99960.37  | 99826.98  | 100377.63 | 100054.99  | 0.29    | ppb   |
| Antimony   | 121-1 | 0.77      | 0.83      | 0.89      | 0.83       | 7.01    | ppb   |
| Arsenic    | 75-2  | 0.39      | 0.37      | 0.45      | 0.40       | 10.18   | ppb   |
| Barium     | 135-1 | 2.10      | 2.19      | 2.32      | 2.20       | 5.21    | ppb   |
| Barium     | 137-1 | 2.14      | 2.11      | 2.39      | 2.21       | 6.88    | ppb   |
| Beryllium  | 9-1   | 0.11      | 0.12      | 0.15      | 0.13       | 13.99   | ppb   |
| Bismuth    | 209-1 |           |           |           | 91         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 89.94     | 82.94     | 79.79     | 84.22      | 6.17    | ppb   |
| Boron      | 11-1  | 96.23     | 90.56     | 82.54     | 89.78      | 7.66    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.32      | 0.40      | 0.36      | 0.36       | 11.49   | ppb   |
| Cadmium    | 106-1 | -0.82     | -0.49     | 0.74      | -0.19      |         | ppb   |
| Cadmium    | 108-1 | 0.09      | 0.09      | -0.29     | -0.04      |         | ppb   |
| Calcium    | 43-1  | 502814.08 | 503000.62 | 495891.59 | 500568.76  | 0.81    | ppb   |
| Calcium    | 44-1  | 504553.40 | 501368.49 | 496407.69 | 500776.53  | 0.82    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 9.13      | 8.83      | 9.09      | 9.02       | 1.85    | ppb   |
| Cobalt     | 59-2  | 2.72      | 2.63      | 2.60      | 2.65       | 2.45    | ppb   |
| Copper     | 63-2  | 3.54      | 3.33      | 3.11      | 3.33       | 6.59    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 54-2  | 246268.29 | 252807.40 | 249099.90 | 249391.86  | 1.31    | ppb   |
| Iron       | 56-2  | 248582.15 | 250927.74 | 249611.28 | 249707.06  | 0.47    | ppb   |
| Iron       | 57-2  | 247682.35 | 253666.75 | 247281.72 | 249543.61  | 1.43    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.20      | 1.17      | 1.49      | 1.29       | 13.61   | ppb   |
| Lead       | 207-1 | 1.05      | 1.14      | 1.46      | 1.22       | 17.79   | ppb   |
| Lead       | 208-1 | 1.16      | 1.18      | 1.42      | 1.25       | 11.50   | ppb   |
| Lithium    | 6-1   |           |           |           | 105        |         | %     |
| Magnesium  | 24-2  | 502008.48 | 491931.94 | 500707.97 | 498216.13  | 1.10    | ppb   |
| Manganese  | 55-2  | 5.72      | 5.28      | 5.29      | 5.43       | 4.54    | ppb   |
| Molybdenum | 94-1  | 3.91      | 3.65      | 3.99      | 3.85       | 4.66    | ppb   |
| Molybdenum | 95-1  | 3.24      | 3.11      | 3.48      | 3.28       | 5.69    | ppb   |
| Molybdenum | 96-1  | 8.87      | 8.36      | 9.02      | 8.75       | 3.97    | ppb   |
| Molybdenum | 97-1  | 3.24      | 3.20      | 3.32      | 3.25       | 1.94    | ppb   |
| Molybdenum | 98-1  | 3.07      | 2.76      | 3.19      | 3.01       | 7.42    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 8.45      | 8.51      | 8.41      | 8.46       | 0.60    | ppb   |
| Phosphorus | 31-2  | 8.57      | -4.35     | 13.01     | 5.74       | 156.98  | ppb   |
| Potassium  | 39-2  | 246097.97 | 252404.36 | 251774.18 | 250092.17  | 1.39    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 82-1  | 2.21      | 3.15      | 1.38      | 2.24       | 39.43   | ppb   |
| Selenium   | 77-2  | 1.91      | 0.00      | 1.24      | 1.05       | 92.25   | ppb   |
| Selenium   | 78-2  | 0.76      | 0.01      | -0.83     | -0.02      |         | ppb   |
| Silicon    | 28-1  | 12.29     | 9.06      | 9.33      | 10.23      | 17.53   | ppb   |
| Silver     | 107-1 | 0.41      | 0.36      | 0.34      | 0.37       | 8.93    | ppb   |
| Silver     | 109-1 | 0.37      | 0.43      | 0.43      | 0.41       | 8.60    | ppb   |
| Sodium     | 23-2  | 501539.22 | 505233.55 | 491920.23 | 499564.33  | 1.38    | ppb   |
| Strontium  | 86-1  | 5.60      | 5.75      | 5.86      | 5.74       | 2.25    | ppb   |
| Strontium  | 88-1  | 5.93      | 5.91      | 5.84      | 5.89       | 0.82    | ppb   |
| Sulfur     | 34-1  | -1222.22  | -1258.89  | -1099.24  | -1193.45   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 105        |         | %     |
| Thallium   | 203-1 | 0.51      | 0.43      | 0.49      | 0.48       | 8.98    | ppb   |
| Thallium   | 205-1 | 0.45      | 0.48      | 0.51      | 0.48       | 6.13    | ppb   |
| Tin        | 118-1 | 0.97      | 1.03      | 1.16      | 1.06       | 9.17    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.56    | 1.73    | 2.15    | 1.82       | 16.73   | ppb   |
| Uranium   | 238-1 | 0.08    | 0.07    | 0.12    | 0.09       | 27.77   | ppb   |
| Vanadium  | 51-2  | 0.30    | 0.24    | 0.25    | 0.26       | 11.89   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 18.70   | 16.88   | 16.80   | 17.46      | 6.15    | ppb   |
| Zirconium | 90-1  | 0.42    | 0.41    | 0.45    | 0.43       | 4.46    | ppb   |
| Zirconium | 91-1  | 0.38    | 0.42    | 0.41    | 0.40       | 4.44    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 497.76  | 486.00  | 492.32  | 492.03     | 1.20    | ppb   |
| Antimony   | 121-1 | 189.21  | 190.74  | 192.07  | 190.68     | 0.75    | ppb   |
| Arsenic    | 75-2  | 207.97  | 203.67  | 207.20  | 206.28     | 1.11    | ppb   |
| Barium     | 135-1 | 94.33   | 94.69   | 98.17   | 95.73      | 2.22    | ppb   |
| Barium     | 137-1 | 97.30   | 96.57   | 98.61   | 97.49      | 1.06    | ppb   |
| Beryllium  | 9-1   | 98.00   | 103.92  | 105.34  | 102.42     | 3.80    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 255.70  | 277.00  | 299.79  | 277.50     | 7.95    | ppb   |
| Boron      | 11-1  | 267.44  | 300.11  | 289.59  | 285.71     | 5.84    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 99.20   | 99.34   | 101.24  | 99.93      | 1.14    | ppb   |
| Cadmium    | 106-1 | 168.59  | 160.24  | 165.79  | 164.88     | 2.58    | ppb   |
| Cadmium    | 108-1 | 156.97  | 158.76  | 160.01  | 158.58     | 0.96    | ppb   |
| Calcium    | 43-1  | 2260.96 | 2254.00 | 2263.31 | 2259.43    | 0.21    | ppb   |
| Calcium    | 44-1  | 2087.06 | 2067.92 | 2066.50 | 2073.82    | 0.55    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 99.05   | 93.43   | 95.99   | 96.16      | 2.92    | ppb   |
| Cobalt     | 59-2  | 98.96   | 96.59   | 95.58   | 97.04      | 1.79    | ppb   |
| Copper     | 63-2  | 98.60   | 97.24   | 98.12   | 97.99      | 0.70    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 2001.95 | 1994.16 | 1987.39 | 1994.50    | 0.37    | ppb   |
| Iron       | 56-2  | 2107.84 | 1997.44 | 2003.33 | 2036.20    | 3.05    | ppb   |
| Iron       | 57-2  | 2035.73 | 1854.81 | 1945.83 | 1945.46    | 4.65    | ppb   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 197.20   | 190.55   | 191.11   | 192.95     | 1.91    | ppb   |
| Lead       | 207-1 | 192.49   | 186.30   | 187.88   | 188.89     | 1.70    | ppb   |
| Lead       | 208-1 | 204.31   | 195.31   | 196.55   | 198.72     | 2.45    | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 1194.85  | 1142.32  | 1181.86  | 1173.01    | 2.33    | ppb   |
| Manganese  | 55-2  | 97.69    | 94.00    | 94.43    | 95.37      | 2.12    | ppb   |
| Molybdenum | 94-1  | 5278.63  | 5289.06  | 5101.62  | 5223.10    | 2.02    | ppb   |
| Molybdenum | 95-1  | 5215.85  | 5248.22  | 5051.04  | 5171.70    | 2.04    | ppb   |
| Molybdenum | 96-1  | 5180.61  | 5278.39  | 5020.28  | 5159.76    | 2.53    | ppb   |
| Molybdenum | 97-1  | 5190.46  | 5305.19  | 5155.00  | 5216.88    | 1.50    | ppb   |
| Molybdenum | 98-1  | 5201.83  | 5349.86  | 5122.61  | 5224.77    | 2.21    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 112.81   | 107.27   | 108.38   | 109.49     | 2.68    | ppb   |
| Phosphorus | 31-2  | -13.25   | -2.85    | -15.64   | -10.58     |         | ppb   |
| Potassium  | 39-2  | 1942.49  | 1859.35  | 1939.70  | 1913.85    | 2.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 82-1  | 211.36   | 213.66   | 207.34   | 210.79     | 1.52    | ppb   |
| Selenium   | 77-2  | 252.10   | 199.75   | 209.09   | 220.32     | 12.67   | ppb   |
| Selenium   | 78-2  | 215.77   | 209.44   | 221.72   | 215.64     | 2.85    | ppb   |
| Silicon    | 28-1  | 55.60    | 57.20    | 57.11    | 56.64      | 1.59    | ppb   |
| Silver     | 107-1 | 48.30    | 48.36    | 49.77    | 48.81      | 1.71    | ppb   |
| Silver     | 109-1 | 48.71    | 48.96    | 49.17    | 48.95      | 0.47    | ppb   |
| Sodium     | 23-2  | 2017.25  | 1931.26  | 1964.23  | 1970.91    | 2.20    | ppb   |
| Strontium  | 86-1  | 508.49   | 519.95   | 504.30   | 510.91     | 1.59    | ppb   |
| Strontium  | 88-1  | 526.41   | 520.96   | 529.63   | 525.67     | 0.83    | ppb   |
| Sulfur     | 34-1  | -1313.77 | -1414.11 | -1364.81 | -1364.23   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 197.13   | 187.79   | 190.67   | 191.86     | 2.49    | ppb   |
| Thallium   | 205-1 | 209.09   | 202.12   | 196.51   | 202.57     | 3.11    | ppb   |
| Tin        | 118-1 | 525.66   | 514.71   | 529.15   | 523.17     | 1.44    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4987.84 | 4849.27 | 4998.61 | 4945.24    | 1.68    | ppb   |
| Uranium   | 238-1 | 494.52  | 497.82  | 483.81  | 492.05     | 1.49    | ppb   |
| Vanadium  | 51-2  | 95.50   | 92.58   | 92.65   | 93.58      | 1.78    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 205.30  | 191.75  | 193.01  | 196.69     | 3.81    | ppb   |
| Zirconium | 90-1  | 510.85  | 519.32  | 508.42  | 512.87     | 1.12    | ppb   |
| Zirconium | 91-1  | 518.41  | 520.58  | 491.39  | 510.13     | 3.19    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.75   | 18.17   | 18.44   | 18.45      | 1.56    | ppb   |
| Antimony   | 121-1 | 1.92    | 1.98    | 1.86    | 1.92       | 3.21    | ppb   |
| Arsenic    | 75-2  | 1.15    | 1.06    | 1.11    | 1.11       | 4.14    | ppb   |
| Barium     | 135-1 | 9.50    | 9.80    | 8.45    | 9.25       | 7.66    | ppb   |
| Barium     | 137-1 | 9.59    | 9.75    | 9.14    | 9.49       | 3.37    | ppb   |
| Beryllium  | 9-1   | 1.07    | 1.05    | 1.07    | 1.07       | 1.20    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 20.54   | 19.81   | 20.49   | 20.28      | 2.03    | ppb   |
| Boron      | 11-1  | 21.55   | 21.38   | 21.36   | 21.43      | 0.48    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.05    | 1.07    | 1.08    | 1.07       | 1.50    | ppb   |
| Cadmium    | 106-1 | 0.04    | 0.97    | -1.04   | -0.01      |         | ppb   |
| Cadmium    | 108-1 | 1.04    | 0.87    | 0.72    | 0.88       | 18.23   | ppb   |
| Calcium    | 43-1  | 474.64  | 453.20  | 455.96  | 461.27     | 2.53    | ppb   |
| Calcium    | 44-1  | 488.71  | 452.85  | 462.17  | 467.91     | 3.98    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.83    | 1.82    | 1.90    | 1.85       | 2.29    | ppb   |
| Cobalt     | 59-2  | 0.99    | 0.97    | 0.98    | 0.98       | 1.22    | ppb   |
| Copper     | 63-2  | 1.99    | 2.06    | 2.13    | 2.06       | 3.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 54-2  | 49.45   | 49.47   | 48.92   | 49.28      | 0.63    | ppb   |
| Iron       | 56-2  | 50.43   | 49.01   | 50.02   | 49.82      | 1.46    | ppb   |
| Iron       | 57-2  | 52.77   | 49.15   | 44.22   | 48.71      | 8.82    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |          |         |            |         | cps   |
| Lead       | 206-1 | 0.92    | 0.84     | 0.93    | 0.90       | 5.44    | ppb   |
| Lead       | 207-1 | 0.87    | 0.95     | 0.90    | 0.91       | 4.53    | ppb   |
| Lead       | 208-1 | 0.89    | 0.87     | 0.94    | 0.90       | 3.80    | ppb   |
| Lithium    | 6-1   |         |          |         | 112        |         | %     |
| Magnesium  | 24-2  | 517.40  | 503.69   | 520.73  | 513.94     | 1.76    | ppb   |
| Manganese  | 55-2  | 1.05    | 1.06     | 0.98    | 1.03       | 4.13    | ppb   |
| Molybdenum | 94-1  | 6.26    | 5.40     | 5.64    | 5.77       | 7.72    | ppb   |
| Molybdenum | 95-1  | 4.92    | 4.75     | 4.84    | 4.84       | 1.69    | ppb   |
| Molybdenum | 96-1  | 5.07    | 4.82     | 4.93    | 4.94       | 2.56    | ppb   |
| Molybdenum | 97-1  | 5.49    | 4.97     | 4.89    | 5.12       | 6.45    | ppb   |
| Molybdenum | 98-1  | 5.05    | 4.79     | 4.55    | 4.80       | 5.22    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.05    | 1.09     | 0.97    | 1.03       | 6.12    | ppb   |
| Phosphorus | 31-2  | 7.68    | 9.22     | 32.62   | 16.51      | 84.67   | ppb   |
| Potassium  | 39-2  | 471.80  | 462.06   | 459.13  | 464.33     | 1.43    | ppb   |
| Rhodium    | 103-1 |         |          |         | 104        |         | %     |
| Rhodium    | 103-2 |         |          |         | 101        |         | %     |
| Scandium   | 45-1  |         |          |         | 105        |         | %     |
| Scandium   | 45-2  |         |          |         | 99         |         | %     |
| Selenium   | 82-1  | 5.54    | 6.37     | 5.81    | 5.90       | 7.18    | ppb   |
| Selenium   | 77-2  | 3.17    | 4.47     | 5.69    | 4.44       | 28.36   | ppb   |
| Selenium   | 78-2  | 4.74    | 4.49     | 5.51    | 4.92       | 10.83   | ppb   |
| Silicon    | 28-1  | 1.14    | 0.39     | 0.50    | 0.67       | 60.36   | ppb   |
| Silver     | 107-1 | 1.04    | 1.01     | 0.98    | 1.01       | 2.98    | ppb   |
| Silver     | 109-1 | 1.08    | 1.02     | 1.00    | 1.03       | 4.19    | ppb   |
| Sodium     | 23-2  | 508.74  | 490.05   | 515.23  | 504.68     | 2.59    | ppb   |
| Strontium  | 86-1  | 0.70    | 0.67     | 0.60    | 0.66       | 7.53    | ppb   |
| Strontium  | 88-1  | 0.95    | 0.92     | 0.94    | 0.94       | 1.63    | ppb   |
| Sulfur     | 34-1  | -798.33 | -1098.31 | -996.64 | -964.42    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 107        |         | %     |
| Terbium    | 159-2 |         |          |         | 100        |         | %     |
| Thallium   | 203-1 | 0.79    | 0.87     | 0.93    | 0.86       | 8.20    | ppb   |
| Thallium   | 205-1 | 0.86    | 0.85     | 0.91    | 0.87       | 3.82    | ppb   |
| Tin        | 118-1 | 4.87    | 5.07     | 4.61    | 4.85       | 4.77    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.11    | 4.91    | 4.70    | 4.91       | 4.16    | ppb   |
| Uranium   | 238-1 | 0.87    | 0.88    | 0.88    | 0.88       | 1.04    | ppb   |
| Vanadium  | 51-2  | 4.94    | 4.68    | 4.91    | 4.84       | 2.94    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 2.02    | 2.45    | 2.30    | 2.26       | 9.84    | ppb   |
| Zirconium | 90-1  | 0.92    | 0.94    | 0.94    | 0.93       | 1.08    | ppb   |
| Zirconium | 91-1  | 1.03    | 0.83    | 0.89    | 0.92       | 11.74   | ppb   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : ICB41 Instrumnet Name : P8  
 Client Sample ID : ICB41 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 14:15:39 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.04   | -0.12   | 0.02    | -0.05      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 44.81   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.00    | 0.02    | 0.01       | 82.83   | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.00    | 0.00       | 777.28  | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.01       | 75.59   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.01       | 98.96   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 8.45    | 8.33    | 7.95    | 8.24       | 3.13    | ppb   |
| Boron      | 11-1  | 9.15    | 8.81    | 8.52    | 8.83       | 3.55    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.00    | -0.01   | 0.02    | 0.00       | 546.10  | ppb   |
| Cadmium    | 106-1 | -0.87   | 0.04    | 0.61    | -0.07      |         | ppb   |
| Cadmium    | 108-1 | -0.36   | -0.09   | -0.45   | -0.30      |         | ppb   |
| Calcium    | 43-1  | -1.01   | -0.81   | -0.12   | -0.64      |         | ppb   |
| Calcium    | 44-1  | -1.29   | -0.91   | -1.21   | -1.14      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.01   | -0.03   | 0.04    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.03    | 0.03       | 12.56   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 54-2  | 0.31    | 1.04    | 0.46    | 0.60       | 64.13   | ppb   |
| Iron       | 56-2  | -0.44   | -0.29   | -0.18   | -0.30      |         | ppb   |
| Iron       | 57-2  | 0.19    | -0.11   | 1.45    | 0.51       | 161.66  | ppb   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : ICB41 Instrumnet Name : P8  
 Client Sample ID : ICB41 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 14:15:39 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.03    | 0.03       | 6.69    | ppb   |
| Lead       | 207-1 | 0.04    | 0.06    | 0.01    | 0.04       | 68.69   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.01    | 0.02       | 35.53   | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 0.04    | -0.18   | -0.46   | -0.20      |         | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.04    | 0.02       | 82.51   | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.00    | 0.04    | 0.04       | 96.20   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.02    | 0.01    | 0.01       | 119.87  | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.00    | 0.01    | 0.01       | 103.51  | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 27.77   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.00    | 0.01       | 76.21   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | 0.02    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -21.80  | -10.77  | -5.47   | -12.68     |         | ppb   |
| Potassium  | 39-2  | 0.63    | -3.82   | -3.29   | -2.16      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 82-1  | 0.89    | -0.14   | 0.00    | 0.25       | 222.14  | ppb   |
| Selenium   | 77-2  | 0.65    | 0.00    | 0.65    | 0.43       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.22    | 0.38    | -1.19   | -0.20      |         | ppb   |
| Silicon    | 28-1  | -0.14   | -0.03   | -0.04   | -0.07      |         | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.01    | 0.02       | 34.90   | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.02    | 0.02       | 13.31   | ppb   |
| Sodium     | 23-2  | 11.46   | 10.87   | 11.27   | 11.20      | 2.69    | ppb   |
| Strontium  | 86-1  | -0.17   | -0.20   | -0.12   | -0.16      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -743.16 | -700.32 | -721.33 | -721.61    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.02    | -0.02   | -0.01   | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB41               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB41               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:15:39 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.09   | 0.01    | -0.01   | -0.03      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1098.55 | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 161.47  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 0.18    | 0.11    | 0.25    | 0.18       | 38.45   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | 450.04  | ppb   |
| Zirconium | 91-1  | -0.01   | 0.01    | 0.00    | 0.00       | 1321.46 | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA41              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA41              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:18:44 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 95817.22  | 96024.55  | 94769.22  | 95537.00   | 0.70    | ppb   |
| Antimony   | 121-1 | 1.15      | 1.10      | 1.12      | 1.12       | 2.45    | ppb   |
| Arsenic    | 75-2  | 0.22      | 0.33      | 0.23      | 0.26       | 22.62   | ppb   |
| Barium     | 135-1 | 1.54      | 1.48      | 1.48      | 1.50       | 2.50    | ppb   |
| Barium     | 137-1 | 1.51      | 1.48      | 1.33      | 1.44       | 6.92    | ppb   |
| Beryllium  | 9-1   | 0.31      | 0.28      | 0.31      | 0.30       | 5.92    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 7.29      | 7.28      | 7.36      | 7.31       | 0.59    | ppb   |
| Boron      | 11-1  | 7.76      | 7.35      | 7.99      | 7.70       | 4.24    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.51      | 0.43      | 0.37      | 0.44       | 15.04   | ppb   |
| Cadmium    | 106-1 | -0.42     | -0.58     | -0.41     | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 7.96      | 6.65      | 7.37      | 7.33       | 8.91    | ppb   |
| Calcium    | 43-1  | 98040.32  | 98336.75  | 99049.40  | 98475.49   | 0.53    | ppb   |
| Calcium    | 44-1  | 98252.65  | 98487.96  | 100125.67 | 98955.42   | 1.03    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 19.10     | 19.85     | 18.63     | 19.19      | 3.19    | ppb   |
| Cobalt     | 59-2  | 1.05      | 1.12      | 1.03      | 1.06       | 4.54    | ppb   |
| Copper     | 63-2  | 7.21      | 7.47      | 7.01      | 7.23       | 3.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 54-2  | 100517.19 | 100717.84 | 98834.96  | 100023.33  | 1.03    | ppb   |
| Iron       | 56-2  | 98496.40  | 101525.25 | 100067.66 | 100029.77  | 1.51    | ppb   |
| Iron       | 57-2  | 101674.36 | 103455.01 | 98653.48  | 101260.95  | 2.40    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA41              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA41              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:18:44 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.46      | 4.57      | 4.37      | 4.47       | 2.24    | ppb   |
| Lead       | 207-1 | 4.07      | 4.12      | 4.17      | 4.12       | 1.25    | ppb   |
| Lead       | 208-1 | 4.14      | 4.21      | 4.19      | 4.18       | 0.82    | ppb   |
| Lithium    | 6-1   |           |           |           | 116        |         | %     |
| Magnesium  | 24-2  | 99571.09  | 103495.73 | 99248.54  | 100771.79  | 2.35    | ppb   |
| Manganese  | 55-2  | 7.55      | 7.41      | 6.93      | 7.30       | 4.50    | ppb   |
| Molybdenum | 94-1  | 1636.00   | 1714.77   | 1613.73   | 1654.83    | 3.21    | ppb   |
| Molybdenum | 95-1  | 1996.03   | 2066.34   | 1965.65   | 2009.34    | 2.57    | ppb   |
| Molybdenum | 96-1  | 1955.37   | 2023.86   | 1922.45   | 1967.23    | 2.63    | ppb   |
| Molybdenum | 97-1  | 1983.20   | 2043.99   | 1968.04   | 1998.41    | 2.01    | ppb   |
| Molybdenum | 98-1  | 2008.13   | 1996.20   | 1983.90   | 1996.08    | 0.61    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.22      | 5.62      | 5.70      | 5.51       | 4.65    | ppb   |
| Phosphorus | 31-2  | 99883.04  | 104007.67 | 99535.93  | 101142.21  | 2.46    | ppb   |
| Potassium  | 39-2  | 97251.54  | 98762.63  | 95340.98  | 97118.38   | 1.77    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 108        |         | %     |
| Scandium   | 45-2  |           |           |           | 105        |         | %     |
| Selenium   | 82-1  | 0.85      | -0.04     | 0.17      | 0.32       | 142.98  | ppb   |
| Selenium   | 77-2  | 0.00      | 0.62      | 0.00      | 0.21       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.45     | 0.08      | -0.35     | -0.58      |         | ppb   |
| Silicon    | 28-1  | 2.14      | 1.97      | 2.28      | 2.13       | 7.16    | ppb   |
| Silver     | 107-1 | 0.06      | 0.04      | 0.05      | 0.05       | 19.38   | ppb   |
| Silver     | 109-1 | 0.07      | 0.06      | 0.06      | 0.06       | 10.42   | ppb   |
| Sodium     | 23-2  | 102740.08 | 106026.64 | 100714.85 | 103160.52  | 2.60    | ppb   |
| Strontium  | 86-1  | 34.39     | 34.87     | 34.13     | 34.46      | 1.09    | ppb   |
| Strontium  | 88-1  | 33.82     | 33.93     | 34.50     | 34.08      | 1.07    | ppb   |
| Sulfur     | 34-1  | 94795.62  | 98561.81  | 96581.58  | 96646.34   | 1.95    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 0.08      | 0.07      | 0.11      | 0.09       | 26.85   | ppb   |
| Thallium   | 205-1 | 0.08      | 0.11      | 0.15      | 0.11       | 30.66   | ppb   |
| Tin        | 118-1 | 0.15      | 0.16      | 0.20      | 0.17       | 15.75   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA41              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA41              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:18:44 | DataFile Name :   | 018ICSA.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2092.50 | 2015.57 | 2099.97 | 2069.35    | 2.26    | ppb   |
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.53    | ppb   |
| Vanadium  | 51-2  | 0.17    | 0.14    | 0.18    | 0.16       | 13.53   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 13.12   | 13.32   | 13.12   | 13.19      | 0.90    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 32.90   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.04    | 0.00    | 0.02       | 82.87   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 95558.15  | 96076.81  | 92552.97  | 94729.31   | 2.01    | ppb   |
| Antimony   | 121-1 | 20.34     | 20.10     | 19.93     | 20.12      | 1.02    | ppb   |
| Arsenic    | 75-2  | 20.48     | 20.20     | 20.08     | 20.25      | 1.03    | ppb   |
| Barium     | 135-1 | 20.73     | 20.20     | 21.16     | 20.70      | 2.34    | ppb   |
| Barium     | 137-1 | 19.69     | 20.39     | 21.31     | 20.46      | 3.97    | ppb   |
| Beryllium  | 9-1   | 20.74     | 19.81     | 20.04     | 20.20      | 2.40    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 32.98     | 33.28     | 33.70     | 33.32      | 1.08    | ppb   |
| Boron      | 11-1  | 36.75     | 35.89     | 37.24     | 36.62      | 1.87    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 18.51     | 18.69     | 19.28     | 18.83      | 2.13    | ppb   |
| Cadmium    | 106-1 | 22.92     | 20.27     | 22.63     | 21.94      | 6.62    | ppb   |
| Cadmium    | 108-1 | 28.31     | 27.90     | 27.97     | 28.06      | 0.78    | ppb   |
| Calcium    | 43-1  | 101075.70 | 101325.91 | 96021.22  | 99474.27   | 3.01    | ppb   |
| Calcium    | 44-1  | 99328.54  | 98907.91  | 97242.15  | 98492.87   | 1.12    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 38.26     | 38.03     | 37.56     | 37.95      | 0.94    | ppb   |
| Cobalt     | 59-2  | 20.31     | 19.73     | 19.78     | 19.94      | 1.62    | ppb   |
| Copper     | 63-2  | 25.53     | 25.46     | 25.21     | 25.40      | 0.66    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 105        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 54-2  | 100005.94 | 98772.19  | 97748.13  | 98842.08   | 1.14    | ppb   |
| Iron       | 56-2  | 100773.11 | 100200.94 | 100745.32 | 100573.13  | 0.32    | ppb   |
| Iron       | 57-2  | 101330.20 | 100634.34 | 99367.36  | 100443.96  | 0.99    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 22.45     | 24.31     | 22.67     | 23.14      | 4.37    | ppb   |
| Lead       | 207-1 | 22.49     | 23.59     | 22.78     | 22.95      | 2.48    | ppb   |
| Lead       | 208-1 | 22.66     | 23.47     | 23.10     | 23.07      | 1.76    | ppb   |
| Lithium    | 6-1   |           |           |           | 118        |         | %     |
| Magnesium  | 24-2  | 100942.85 | 101713.42 | 102338.10 | 101664.79  | 0.69    | ppb   |
| Manganese  | 55-2  | 25.66     | 25.55     | 25.29     | 25.50      | 0.74    | ppb   |
| Molybdenum | 94-1  | 1736.87   | 1806.98   | 1717.62   | 1753.82    | 2.68    | ppb   |
| Molybdenum | 95-1  | 2000.48   | 2019.44   | 1937.81   | 1985.91    | 2.15    | ppb   |
| Molybdenum | 96-1  | 2027.20   | 2020.82   | 1968.71   | 2005.58    | 1.60    | ppb   |
| Molybdenum | 97-1  | 2057.68   | 2079.08   | 1987.46   | 2041.41    | 2.35    | ppb   |
| Molybdenum | 98-1  | 2072.45   | 2060.26   | 2019.95   | 2050.89    | 1.34    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.49     | 25.57     | 25.48     | 25.51      | 0.18    | ppb   |
| Phosphorus | 31-2  | 101985.51 | 99460.20  | 97708.85  | 99718.18   | 2.16    | ppb   |
| Potassium  | 39-2  | 94252.80  | 94518.67  | 94500.93  | 94424.14   | 0.16    | ppb   |
| Rhodium    | 103-1 |           |           |           | 102        |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 112        |         | %     |
| Scandium   | 45-2  |           |           |           | 106        |         | %     |
| Selenium   | 82-1  | 20.19     | 20.00     | 19.80     | 20.00      | 0.98    | ppb   |
| Selenium   | 77-2  | 14.79     | 17.94     | 22.59     | 18.44      | 21.29   | ppb   |
| Selenium   | 78-2  | 18.41     | 19.57     | 18.95     | 18.97      | 3.06    | ppb   |
| Silicon    | 28-1  | 9.13      | 9.09      | 9.02      | 9.08       | 0.60    | ppb   |
| Silver     | 107-1 | 17.97     | 17.92     | 18.54     | 18.14      | 1.91    | ppb   |
| Silver     | 109-1 | 17.98     | 18.27     | 18.57     | 18.27      | 1.61    | ppb   |
| Sodium     | 23-2  | 102847.43 | 100469.26 | 101608.55 | 101641.75  | 1.17    | ppb   |
| Strontium  | 86-1  | 90.73     | 91.22     | 91.29     | 91.08      | 0.34    | ppb   |
| Strontium  | 88-1  | 92.57     | 93.54     | 94.94     | 93.68      | 1.27    | ppb   |
| Sulfur     | 34-1  | 98213.35  | 95078.78  | 96286.07  | 96526.07   | 1.64    | ppb   |
| Terbium    | 159-1 |           |           |           | 113        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 18.67     | 20.20     | 18.87     | 19.25      | 4.31    | ppb   |
| Thallium   | 205-1 | 19.17     | 20.63     | 19.55     | 19.78      | 3.83    | ppb   |
| Tin        | 118-1 | 53.25     | 54.12     | 54.68     | 54.01      | 1.34    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2049.98 | 2098.58 | 2043.28 | 2063.95    | 1.46    | ppb   |
| Uranium   | 238-1 | 54.61   | 56.18   | 54.48   | 55.09      | 1.72    | ppb   |
| Vanadium  | 51-2  | 19.50   | 19.20   | 18.89   | 19.20      | 1.58    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 31.35   | 32.76   | 30.85   | 31.65      | 3.11    | ppb   |
| Zirconium | 90-1  | 54.66   | 54.86   | 54.37   | 54.63      | 0.46    | ppb   |
| Zirconium | 91-1  | 54.46   | 55.16   | 53.69   | 54.44      | 1.35    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50559.40  | 49776.80  | 47806.45  | 49380.88   | 2.87    | ppb   |
| Antimony   | 121-1 | 495.57    | 514.69    | 505.36    | 505.20     | 1.89    | ppb   |
| Arsenic    | 75-2  | 491.55    | 486.49    | 485.49    | 487.84     | 0.66    | ppb   |
| Barium     | 135-1 | 2469.21   | 2551.99   | 2540.45   | 2520.55    | 1.78    | ppb   |
| Barium     | 137-1 | 2483.94   | 2553.91   | 2483.93   | 2507.26    | 1.61    | ppb   |
| Beryllium  | 9-1   | 506.44    | 494.73    | 520.45    | 507.21     | 2.54    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 505.20    | 498.57    | 517.96    | 507.24     | 1.94    | ppb   |
| Boron      | 11-1  | 481.30    | 487.30    | 511.03    | 493.21     | 3.19    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 464.37    | 467.64    | 461.69    | 464.57     | 0.64    | ppb   |
| Cadmium    | 106-1 | 475.42    | 472.55    | 477.55    | 475.17     | 0.53    | ppb   |
| Cadmium    | 108-1 | 485.74    | 496.96    | 483.88    | 488.86     | 1.45    | ppb   |
| Calcium    | 43-1  | 240864.12 | 245506.16 | 242561.34 | 242977.21  | 0.97    | ppb   |
| Calcium    | 44-1  | 243764.92 | 251318.96 | 246721.65 | 247268.51  | 1.54    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 484.60    | 485.41    | 476.02    | 482.01     | 1.08    | ppb   |
| Cobalt     | 59-2  | 492.68    | 494.50    | 484.83    | 490.67     | 1.05    | ppb   |
| Copper     | 63-2  | 4874.81   | 5019.74   | 4830.34   | 4908.30    | 2.02    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 104        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 54-2  | 129710.66 | 126378.95 | 125515.41 | 127201.67  | 1.74    | ppb   |
| Iron       | 56-2  | 129051.42 | 125358.30 | 124789.26 | 126399.66  | 1.83    | ppb   |
| Iron       | 57-2  | 127042.67 | 128159.16 | 126474.01 | 127225.28  | 0.67    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2644.82   | 2661.60   | 2619.64   | 2642.02    | 0.80    | ppb   |
| Lead       | 207-1 | 2629.26   | 2696.30   | 2675.15   | 2666.90    | 1.28    | ppb   |
| Lead       | 208-1 | 2631.39   | 2682.09   | 2668.55   | 2660.68    | 0.99    | ppb   |
| Lithium    | 6-1   |           |           |           | 114        |         | %     |
| Magnesium  | 24-2  | 264141.79 | 260999.24 | 256127.89 | 260422.97  | 1.55    | ppb   |
| Manganese  | 55-2  | 5046.30   | 4877.15   | 4963.50   | 4962.32    | 1.70    | ppb   |
| Molybdenum | 94-1  | 4912.48   | 5049.55   | 5071.08   | 5011.04    | 1.72    | ppb   |
| Molybdenum | 95-1  | 4947.79   | 5031.78   | 5027.38   | 5002.31    | 0.95    | ppb   |
| Molybdenum | 96-1  | 4901.86   | 5107.88   | 5077.11   | 5028.95    | 2.21    | ppb   |
| Molybdenum | 97-1  | 4899.30   | 5007.48   | 5091.53   | 4999.44    | 1.93    | ppb   |
| Molybdenum | 98-1  | 4898.03   | 5026.67   | 5076.99   | 5000.56    | 1.85    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 505.89    | 497.13    | 489.54    | 497.52     | 1.64    | ppb   |
| Phosphorus | 31-2  | 10392.27  | 9847.88   | 10198.78  | 10146.31   | 2.72    | ppb   |
| Potassium  | 39-2  | 125378.32 | 123899.74 | 124411.86 | 124563.31  | 0.60    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 110        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 82-1  | 470.19    | 475.27    | 488.94    | 478.13     | 2.03    | ppb   |
| Selenium   | 77-2  | 503.49    | 446.72    | 457.52    | 469.24     | 6.42    | ppb   |
| Selenium   | 78-2  | 493.68    | 486.01    | 473.78    | 484.49     | 2.07    | ppb   |
| Silicon    | 28-1  | 517.23    | 526.74    | 536.71    | 526.89     | 1.85    | ppb   |
| Silver     | 107-1 | 484.26    | 490.74    | 497.69    | 490.90     | 1.37    | ppb   |
| Silver     | 109-1 | 480.19    | 497.49    | 482.68    | 486.79     | 1.92    | ppb   |
| Sodium     | 23-2  | 256927.00 | 256512.30 | 254341.91 | 255927.07  | 0.54    | ppb   |
| Strontium  | 86-1  | 481.27    | 499.24    | 505.44    | 495.32     | 2.53    | ppb   |
| Strontium  | 88-1  | 499.05    | 507.08    | 504.91    | 503.68     | 0.82    | ppb   |
| Sulfur     | 34-1  | 10366.41  | 11398.04  | 11658.41  | 11140.95   | 6.13    | ppb   |
| Terbium    | 159-1 |           |           |           | 110        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 525.87    | 526.56    | 533.75    | 528.72     | 0.83    | ppb   |
| Thallium   | 205-1 | 521.49    | 545.58    | 534.85    | 533.97     | 2.26    | ppb   |
| Tin        | 118-1 | 507.28    | 507.34    | 508.74    | 507.79     | 0.16    | ppb   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5069.16 | 4986.39 | 5141.85 | 5065.80    | 1.54    | ppb   |
| Uranium   | 238-1 | 509.73  | 547.57  | 541.35  | 532.88     | 3.81    | ppb   |
| Vanadium  | 51-2  | 504.15  | 490.83  | 483.97  | 492.99     | 2.08    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 4778.69 | 4889.20 | 4699.38 | 4789.09    | 1.99    | ppb   |
| Zirconium | 90-1  | 501.41  | 519.01  | 522.41  | 514.28     | 2.19    | ppb   |
| Zirconium | 91-1  | 492.77  | 522.34  | 501.75  | 505.62     | 3.00    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.66    | 0.48    | 0.32    | 0.49       | 34.56   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 19.50   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.02    | 0.01    | 0.01       | 69.66   | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.00    | 0.00       | 312.48  | ppb   |
| Barium     | 137-1 | 0.00    | 0.02    | 0.01    | 0.01       | 109.51  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 21.58   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 10.09   | 9.84    | 9.06    | 9.66       | 5.57    | ppb   |
| Boron      | 11-1  | 10.74   | 10.44   | 10.23   | 10.47      | 2.45    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -3.48   | -1.56   | -3.19   | -2.75      |         | ppb   |
| Cadmium    | 108-1 | -0.97   | -0.93   | -1.04   | -0.98      |         | ppb   |
| Calcium    | 43-1  | 0.20    | -0.63   | -1.02   | -0.48      |         | ppb   |
| Calcium    | 44-1  | -0.40   | -0.93   | -1.12   | -0.82      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 1362.93 | ppb   |
| Copper     | 63-2  | 0.10    | 0.03    | 0.07    | 0.07       | 54.78   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 0.55    | -0.96   | 0.37    | -0.02      |         | ppb   |
| Iron       | 56-2  | 0.75    | 0.35    | 0.52    | 0.54       | 36.89   | ppb   |
| Iron       | 57-2  | 0.74    | 0.93    | 0.74    | 0.81       | 13.85   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.06     | 0.03     | 0.06     | 0.05       | 32.88   | ppb   |
| Lead       | 207-1 | 0.06     | 0.01     | 0.06     | 0.04       | 71.05   | ppb   |
| Lead       | 208-1 | 0.05     | 0.04     | 0.04     | 0.04       | 17.08   | ppb   |
| Lithium    | 6-1   |          |          |          | 117        |         | %     |
| Magnesium  | 24-2  | 1.36     | 0.77     | 1.06     | 1.06       | 28.05   | ppb   |
| Manganese  | 55-2  | 0.06     | 0.01     | 0.02     | 0.03       | 85.75   | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.08     | 0.07     | 0.08       | 19.12   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.07     | 0.05     | 0.06       | 15.28   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.00     | 0.01       | 172.17  | ppb   |
| Molybdenum | 97-1  | 0.11     | 0.08     | 0.03     | 0.07       | 50.99   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.03     | 0.05     | 0.05       | 50.49   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -13.60   | -11.81   | 10.31    | -5.03      |         | ppb   |
| Potassium  | 39-2  | 0.38     | -0.01    | -0.25    | 0.04       | 819.20  | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 82-1  | -0.76    | -0.95    | -0.12    | -0.61      |         | ppb   |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.20    | -1.28    | 0.17     | -0.77      |         | ppb   |
| Silicon    | 28-1  | -0.68    | -0.82    | -0.76    | -0.75      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.37   | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.01     | 0.01       | 26.26   | ppb   |
| Sodium     | 23-2  | 26.21    | 23.57    | 24.19    | 24.66      | 5.60    | ppb   |
| Strontium  | 86-1  | -0.19    | -0.46    | -0.28    | -0.31      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1368.06 | -1353.96 | -1403.90 | -1375.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.04     | 0.03       | 33.88   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.05     | 0.05     | 0.05       | 30.62   | ppb   |
| Tin        | 118-1 | -0.04    | -0.01    | -0.01    | -0.02      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.01    | -0.05   | -0.02   | -0.02      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 149.44  | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 26.31   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.14    | 0.17    | 0.09    | 0.13       | 31.48   | ppb   |
| Zirconium | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       | 870.35  | ppb   |
| Zirconium | 91-1  | 0.01    | -0.01   | 0.01    | 0.00       | 379.77  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.35   | 19.65   | 19.35   | 19.45      | 0.91    | ppb   |
| Antimony   | 121-1 | 1.99    | 1.98    | 2.00    | 1.99       | 0.71    | ppb   |
| Arsenic    | 75-2  | 1.13    | 1.12    | 1.13    | 1.13       | 0.41    | ppb   |
| Barium     | 135-1 | 9.67    | 10.02   | 9.62    | 9.77       | 2.23    | ppb   |
| Barium     | 137-1 | 9.69    | 10.07   | 9.88    | 9.88       | 1.92    | ppb   |
| Beryllium  | 9-1   | 1.06    | 1.04    | 1.12    | 1.08       | 4.04    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 18.46   | 18.86   | 20.20   | 19.17      | 4.76    | ppb   |
| Boron      | 11-1  | 19.06   | 20.59   | 21.98   | 20.54      | 7.11    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.09    | 1.03    | 1.18    | 1.10       | 6.99    | ppb   |
| Cadmium    | 106-1 | -0.44   | 1.13    | 1.97    | 0.89       | 138.02  | ppb   |
| Cadmium    | 108-1 | 0.44    | 0.02    | 0.17    | 0.21       | 98.47   | ppb   |
| Calcium    | 43-1  | 472.26  | 483.07  | 476.60  | 477.31     | 1.14    | ppb   |
| Calcium    | 44-1  | 475.62  | 478.55  | 476.64  | 476.94     | 0.31    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.77    | 1.81    | 1.76    | 1.78       | 1.30    | ppb   |
| Cobalt     | 59-2  | 0.93    | 1.02    | 0.98    | 0.98       | 4.40    | ppb   |
| Copper     | 63-2  | 2.08    | 2.15    | 2.11    | 2.11       | 1.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 49.32   | 52.14   | 45.29   | 48.92      | 7.03    | ppb   |
| Iron       | 56-2  | 47.97   | 49.52   | 48.22   | 48.57      | 1.71    | ppb   |
| Iron       | 57-2  | 46.10   | 50.33   | 51.25   | 49.23      | 5.58    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.91     | 0.91     | 0.92     | 0.91       | 0.59    | ppb   |
| Lead       | 207-1 | 0.86     | 0.93     | 0.93     | 0.91       | 4.37    | ppb   |
| Lead       | 208-1 | 0.88     | 0.94     | 0.91     | 0.91       | 3.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 116        |         | %     |
| Magnesium  | 24-2  | 515.41   | 517.78   | 495.39   | 509.53     | 2.41    | ppb   |
| Manganese  | 55-2  | 0.99     | 1.01     | 0.94     | 0.98       | 3.77    | ppb   |
| Molybdenum | 94-1  | 5.62     | 5.70     | 5.58     | 5.63       | 1.15    | ppb   |
| Molybdenum | 95-1  | 4.65     | 5.05     | 5.06     | 4.92       | 4.72    | ppb   |
| Molybdenum | 96-1  | 5.14     | 5.13     | 4.97     | 5.08       | 1.86    | ppb   |
| Molybdenum | 97-1  | 4.86     | 5.07     | 5.27     | 5.07       | 3.96    | ppb   |
| Molybdenum | 98-1  | 4.83     | 5.19     | 5.04     | 5.02       | 3.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.05     | 1.07     | 1.13     | 1.08       | 4.07    | ppb   |
| Phosphorus | 31-2  | 9.58     | 12.53    | 2.98     | 8.36       | 58.51   | ppb   |
| Potassium  | 39-2  | 476.19   | 473.31   | 454.98   | 468.16     | 2.46    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 4.82     | 3.20     | 6.54     | 4.85       | 34.47   | ppb   |
| Selenium   | 77-2  | 6.91     | 8.45     | 6.83     | 7.40       | 12.33   | ppb   |
| Selenium   | 78-2  | 3.62     | 5.82     | 6.41     | 5.28       | 27.81   | ppb   |
| Silicon    | 28-1  | 0.72     | 0.69     | 0.66     | 0.69       | 4.29    | ppb   |
| Silver     | 107-1 | 0.96     | 1.11     | 1.00     | 1.02       | 7.15    | ppb   |
| Silver     | 109-1 | 1.05     | 1.06     | 1.10     | 1.07       | 2.57    | ppb   |
| Sodium     | 23-2  | 503.09   | 516.75   | 499.24   | 506.36     | 1.82    | ppb   |
| Strontium  | 86-1  | 0.76     | 0.87     | 0.88     | 0.84       | 7.82    | ppb   |
| Strontium  | 88-1  | 0.93     | 0.94     | 1.04     | 0.97       | 5.91    | ppb   |
| Sulfur     | 34-1  | -1221.66 | -1173.14 | -1164.62 | -1186.47   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.88     | 0.90     | 0.88     | 0.89       | 1.17    | ppb   |
| Thallium   | 205-1 | 0.92     | 1.00     | 0.96     | 0.96       | 4.41    | ppb   |
| Tin        | 118-1 | 4.84     | 5.24     | 5.06     | 5.05       | 3.98    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.25    | 4.78    | 5.43    | 5.15       | 6.53    | ppb   |
| Uranium   | 238-1 | 0.90    | 0.94    | 0.89    | 0.91       | 2.77    | ppb   |
| Vanadium  | 51-2  | 4.66    | 4.90    | 4.57    | 4.71       | 3.59    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 2.03    | 2.06    | 1.97    | 2.02       | 2.40    | ppb   |
| Zirconium | 90-1  | 0.89    | 1.00    | 0.97    | 0.95       | 6.35    | ppb   |
| Zirconium | 91-1  | 0.83    | 0.88    | 1.00    | 0.91       | 9.72    | ppb   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-03 Instrumnet Name : P8  
 Client Sample ID : MDL-SOIL-03-QT1-2022 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:03:50 DataFile Name : 023AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.87    | 5.19    | 4.45    | 4.84       | 7.66    | ppb   |
| Antimony   | 121-1 | 0.30    | 0.31    | 0.24    | 0.28       | 13.21   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.22    | 0.18    | 0.21       | 16.13   | ppb   |
| Barium     | 135-1 | 1.37    | 1.23    | 1.29    | 1.30       | 5.57    | ppb   |
| Barium     | 137-1 | 1.46    | 1.39    | 1.31    | 1.39       | 5.18    | ppb   |
| Beryllium  | 9-1   | 0.29    | 0.30    | 0.27    | 0.28       | 4.84    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 2.31    | 2.30    | 2.25    | 2.29       | 1.44    | ppb   |
| Boron      | 11-1  | 2.43    | 2.41    | 2.52    | 2.45       | 2.44    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.22    | 0.19    | 0.21    | 0.21       | 8.65    | ppb   |
| Cadmium    | 106-1 | -2.20   | -3.40   | -0.76   | -2.12      |         | ppb   |
| Cadmium    | 108-1 | -0.23   | 0.02    | 0.10    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 29.60   | 35.55   | 23.06   | 29.40      | 21.25   | ppb   |
| Calcium    | 44-1  | 31.92   | 32.05   | 23.54   | 29.17      | 16.72   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.19    | 0.26    | 0.32    | 0.25       | 26.18   | ppb   |
| Cobalt     | 59-2  | 0.25    | 0.25    | 0.24    | 0.25       | 2.18    | ppb   |
| Copper     | 63-2  | 0.50    | 0.49    | 0.50    | 0.50       | 1.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 12.48   | 12.26   | 10.40   | 11.71      | 9.78    | ppb   |
| Iron       | 56-2  | 11.93   | 11.92   | 12.07   | 11.97      | 0.71    | ppb   |
| Iron       | 57-2  | 12.11   | 11.42   | 13.27   | 12.27      | 7.65    | ppb   |



|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT1-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:03:50  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.32    | 0.31    | 0.24    | 0.29       | 14.03   | ppb   |
| Lead       | 207-1 | 0.27    | 0.31    | 0.20    | 0.26       | 21.15   | ppb   |
| Lead       | 208-1 | 0.30    | 0.30    | 0.22    | 0.28       | 17.45   | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 26.16   | 26.07   | 25.62   | 25.95      | 1.11    | ppb   |
| Manganese  | 55-2  | 0.38    | 0.49    | 0.52    | 0.46       | 16.24   | ppb   |
| Molybdenum | 94-1  | 1.73    | 1.88    | 1.73    | 1.78       | 4.88    | ppb   |
| Molybdenum | 95-1  | 1.61    | 1.58    | 1.45    | 1.55       | 5.57    | ppb   |
| Molybdenum | 96-1  | 1.71    | 1.61    | 1.42    | 1.58       | 9.30    | ppb   |
| Molybdenum | 97-1  | 1.62    | 1.78    | 1.68    | 1.69       | 4.74    | ppb   |
| Molybdenum | 98-1  | 1.53    | 1.75    | 1.43    | 1.57       | 10.56   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.23    | 0.28    | 0.23       | 18.48   | ppb   |
| Phosphorus | 31-2  | -6.78   | -6.51   | 6.16    | -2.38      |         | ppb   |
| Potassium  | 39-2  | 10.30   | 12.40   | 12.72   | 11.80      | 11.15   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 82-1  | 1.57    | 2.17    | 2.33    | 2.03       | 20.04   | ppb   |
| Selenium   | 77-2  | 1.24    | 3.23    | 3.09    | 2.52       | 44.11   | ppb   |
| Selenium   | 78-2  | 1.34    | 0.77    | 2.48    | 1.53       | 56.82   | ppb   |
| Silicon    | 28-1  | -0.57   | -0.58   | -0.97   | -0.71      |         | ppb   |
| Silver     | 107-1 | 0.24    | 0.27    | 0.26    | 0.25       | 6.46    | ppb   |
| Silver     | 109-1 | 0.24    | 0.25    | 0.22    | 0.24       | 5.10    | ppb   |
| Sodium     | 23-2  | 30.92   | 33.60   | 30.62   | 31.72      | 5.17    | ppb   |
| Strontium  | 86-1  | 0.12    | -0.05   | -0.05   | 0.01       | 1175.79 | ppb   |
| Strontium  | 88-1  | 0.26    | 0.26    | 0.25    | 0.26       | 2.16    | ppb   |
| Sulfur     | 34-1  | -636.94 | -657.70 | -926.89 | -740.51    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.22    | 0.19    | 0.17    | 0.20       | 11.89   | ppb   |
| Thallium   | 205-1 | 0.19    | 0.21    | 0.20    | 0.20       | 4.60    | ppb   |
| Tin        | 118-1 | 0.22    | 0.26    | 0.20    | 0.22       | 13.43   | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT1-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:03:50  | DataFile Name :   | 023AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.88    | 1.66    | 1.32    | 1.62       | 17.49   | ppb   |
| Uranium   | 238-1 | 0.24    | 0.25    | 0.22    | 0.24       | 6.29    | ppb   |
| Vanadium  | 51-2  | 0.25    | 0.22    | 0.24    | 0.24       | 5.14    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.51    | 0.37    | 0.48    | 0.45       | 16.00   | ppb   |
| Zirconium | 90-1  | 0.23    | 0.26    | 0.22    | 0.24       | 7.08    | ppb   |
| Zirconium | 91-1  | 0.21    | 0.25    | 0.24    | 0.23       | 8.84    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:06:52 | DataFile Name :   | 024AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 5.14    | 4.62    | 4.90    | 4.89       | 5.31     | ppb   |
| Antimony   | 121-1 | 0.32    | 0.25    | 0.28    | 0.28       | 13.84    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.27    | 0.23    | 0.25       | 8.24     | ppb   |
| Barium     | 135-1 | 1.49    | 1.24    | 1.08    | 1.27       | 16.27    | ppb   |
| Barium     | 137-1 | 1.42    | 1.21    | 1.18    | 1.27       | 10.25    | ppb   |
| Beryllium  | 9-1   | 0.30    | 0.23    | 0.26    | 0.26       | 12.06    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |          | %     |
| Bismuth    | 209-2 |         |         |         | 103        |          | %     |
| Boron      | 10-1  | 2.08    | 2.17    | 2.12    | 2.12       | 2.12     | ppb   |
| Boron      | 11-1  | 2.34    | 2.23    | 2.13    | 2.23       | 4.72     | ppb   |
| Bromine    | 81-1  |         |         |         |            |          | cps   |
| Cadmium    | 111-1 | 0.28    | 0.36    | 0.23    | 0.29       | 22.96    | ppb   |
| Cadmium    | 106-1 | -1.08   | 2.02    | 0.14    | 0.36       | 429.72   | ppb   |
| Cadmium    | 108-1 | -0.16   | 0.12    | 0.05    | 0.00       | 26611.24 | ppb   |
| Calcium    | 43-1  | 23.03   | 21.40   | 22.37   | 22.27      | 3.68     | ppb   |
| Calcium    | 44-1  | 24.36   | 23.02   | 22.46   | 23.28      | 4.19     | ppb   |
| Carbon     | 12-1  |         |         |         |            |          | cps   |
| Carbon     | 12-2  |         |         |         |            |          | cps   |
| Chlorine   | 35-1  |         |         |         |            |          | cps   |
| Chlorine   | 35-2  |         |         |         |            |          | cps   |
| Chromium   | 52-2  | 0.28    | 0.23    | 0.22    | 0.25       | 11.28    | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.24    | 0.22    | 0.23       | 2.81     | ppb   |
| Copper     | 63-2  | 0.55    | 0.54    | 0.47    | 0.52       | 8.84     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 103        |          | %     |
| Holmium    | 165-2 |         |         |         | 101        |          | %     |
| Indium     | 115-1 |         |         |         | 102        |          | %     |
| Indium     | 115-2 |         |         |         | 101        |          | %     |
| Iron       | 54-2  | 13.53   | 11.70   | 12.42   | 12.55      | 7.35     | ppb   |
| Iron       | 56-2  | 12.13   | 11.24   | 11.65   | 11.67      | 3.81     | ppb   |
| Iron       | 57-2  | 12.06   | 11.77   | 12.19   | 12.01      | 1.80     | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:06:52 | DataFile Name :   | 024AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.27    | 0.22    | 0.23    | 0.24       | 10.08   | ppb   |
| Lead       | 207-1 | 0.32    | 0.22    | 0.20    | 0.25       | 26.13   | ppb   |
| Lead       | 208-1 | 0.28    | 0.22    | 0.21    | 0.24       | 16.43   | ppb   |
| Lithium    | 6-1   |         |         |         | 112        |         | %     |
| Magnesium  | 24-2  | 24.18   | 27.97   | 25.21   | 25.79      | 7.61    | ppb   |
| Manganese  | 55-2  | 0.49    | 0.46    | 0.47    | 0.47       | 2.25    | ppb   |
| Molybdenum | 94-1  | 1.85    | 1.52    | 1.49    | 1.62       | 12.16   | ppb   |
| Molybdenum | 95-1  | 1.54    | 1.29    | 1.42    | 1.42       | 9.06    | ppb   |
| Molybdenum | 96-1  | 1.56    | 1.37    | 1.55    | 1.49       | 7.40    | ppb   |
| Molybdenum | 97-1  | 1.59    | 1.30    | 1.40    | 1.43       | 10.38   | ppb   |
| Molybdenum | 98-1  | 1.50    | 1.26    | 1.43    | 1.40       | 8.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.33    | 0.27    | 0.28       | 18.54   | ppb   |
| Phosphorus | 31-2  | -4.41   | -9.83   | -7.42   | -7.22      |         | ppb   |
| Potassium  | 39-2  | 7.87    | 12.89   | 10.09   | 10.29      | 24.45   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | 2.41    | 2.10    | 1.60    | 2.04       | 20.25   | ppb   |
| Selenium   | 77-2  | 2.47    | 3.74    | 2.50    | 2.90       | 24.86   | ppb   |
| Selenium   | 78-2  | 1.54    | 3.30    | 3.07    | 2.64       | 36.37   | ppb   |
| Silicon    | 28-1  | -0.14   | -0.52   | -0.53   | -0.40      |         | ppb   |
| Silver     | 107-1 | 0.27    | 0.27    | 0.27    | 0.27       | 0.23    | ppb   |
| Silver     | 109-1 | 0.28    | 0.26    | 0.25    | 0.26       | 4.16    | ppb   |
| Sodium     | 23-2  | 29.44   | 29.76   | 28.51   | 29.24      | 2.23    | ppb   |
| Strontium  | 86-1  | 0.21    | -0.17   | 0.13    | 0.05       | 364.80  | ppb   |
| Strontium  | 88-1  | 0.28    | 0.25    | 0.25    | 0.26       | 6.25    | ppb   |
| Sulfur     | 34-1  | -237.64 | -486.50 | -440.26 | -388.13    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.24    | 0.21    | 0.20    | 0.21       | 10.22   | ppb   |
| Thallium   | 205-1 | 0.24    | 0.21    | 0.19    | 0.21       | 11.73   | ppb   |
| Tin        | 118-1 | 0.27    | 0.22    | 0.25    | 0.25       | 9.21    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:06:52 | DataFile Name :   | 024AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.52    | 1.37    | 1.49    | 1.46       | 5.44    | ppb   |
| Uranium   | 238-1 | 0.23    | 0.23    | 0.21    | 0.23       | 5.68    | ppb   |
| Vanadium  | 51-2  | 0.26    | 0.23    | 0.24    | 0.24       | 6.77    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 103        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 0.36    | 0.51    | 0.59    | 0.49       | 24.19   | ppb   |
| Zirconium | 90-1  | 0.28    | 0.20    | 0.20    | 0.23       | 19.33   | ppb   |
| Zirconium | 91-1  | 0.24    | 0.21    | 0.20    | 0.21       | 8.97    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:09:56 | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.84    | 5.12    | 4.65    | 4.87       | 4.87    | ppb   |
| Antimony   | 121-1 | 0.31    | 0.26    | 0.26    | 0.27       | 10.19   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.27    | 0.25    | 0.27       | 8.20    | ppb   |
| Barium     | 135-1 | 1.47    | 1.23    | 1.22    | 1.31       | 11.16   | ppb   |
| Barium     | 137-1 | 1.21    | 1.09    | 1.28    | 1.19       | 8.09    | ppb   |
| Beryllium  | 9-1   | 0.29    | 0.25    | 0.28    | 0.27       | 8.28    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.64    | 1.84    | 1.80    | 1.76       | 5.93    | ppb   |
| Boron      | 11-1  | 1.93    | 1.94    | 1.91    | 1.92       | 0.72    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.24    | 0.30    | 0.29    | 0.28       | 12.17   | ppb   |
| Cadmium    | 106-1 | 0.77    | -0.03   | 1.17    | 0.63       | 96.39   | ppb   |
| Cadmium    | 108-1 | -0.34   | -0.19   | 0.21    | -0.10      |         | ppb   |
| Calcium    | 43-1  | 22.42   | 20.52   | 21.57   | 21.50      | 4.42    | ppb   |
| Calcium    | 44-1  | 22.12   | 20.67   | 20.15   | 20.98      | 4.88    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.19    | 0.24    | 0.21    | 0.22       | 11.34   | ppb   |
| Cobalt     | 59-2  | 0.25    | 0.25    | 0.24    | 0.25       | 2.18    | ppb   |
| Copper     | 63-2  | 0.48    | 0.46    | 0.47    | 0.47       | 2.13    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 14.35   | 11.46   | 12.26   | 12.69      | 11.75   | ppb   |
| Iron       | 56-2  | 11.19   | 11.61   | 11.75   | 11.52      | 2.52    | ppb   |
| Iron       | 57-2  | 11.70   | 11.48   | 11.75   | 11.64      | 1.20    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:09:56 | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.22    | 0.25    | 0.18    | 0.22       | 16.24   | ppb   |
| Lead       | 207-1 | 0.20    | 0.22    | 0.25    | 0.22       | 11.43   | ppb   |
| Lead       | 208-1 | 0.22    | 0.23    | 0.22    | 0.23       | 0.82    | ppb   |
| Lithium    | 6-1   |         |         |         | 113        |         | %     |
| Magnesium  | 24-2  | 23.01   | 26.47   | 25.19   | 24.89      | 7.04    | ppb   |
| Manganese  | 55-2  | 0.46    | 0.46    | 0.46    | 0.46       | 0.38    | ppb   |
| Molybdenum | 94-1  | 1.57    | 1.58    | 1.51    | 1.55       | 2.51    | ppb   |
| Molybdenum | 95-1  | 1.35    | 1.38    | 1.32    | 1.35       | 2.28    | ppb   |
| Molybdenum | 96-1  | 1.28    | 1.33    | 1.27    | 1.29       | 2.57    | ppb   |
| Molybdenum | 97-1  | 1.46    | 1.48    | 1.40    | 1.44       | 2.98    | ppb   |
| Molybdenum | 98-1  | 1.38    | 1.47    | 1.44    | 1.43       | 3.22    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.28    | 0.25    | 0.27       | 6.36    | ppb   |
| Phosphorus | 31-2  | -9.96   | 11.83   | -0.41   | 0.49       | 2249.36 | ppb   |
| Potassium  | 39-2  | 6.88    | 8.32    | 10.05   | 8.42       | 18.84   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 82-1  | 3.29    | 1.23    | 1.96    | 2.16       | 48.34   | ppb   |
| Selenium   | 77-2  | 6.36    | 1.84    | 1.91    | 3.37       | 76.82   | ppb   |
| Selenium   | 78-2  | 1.22    | 1.14    | 2.21    | 1.52       | 39.47   | ppb   |
| Silicon    | 28-1  | -0.45   | -0.73   | -0.81   | -0.66      |         | ppb   |
| Silver     | 107-1 | 0.23    | 0.26    | 0.27    | 0.25       | 9.04    | ppb   |
| Silver     | 109-1 | 0.27    | 0.26    | 0.26    | 0.26       | 1.47    | ppb   |
| Sodium     | 23-2  | 30.47   | 27.36   | 29.49   | 29.11      | 5.47    | ppb   |
| Strontium  | 86-1  | 0.08    | 0.15    | 0.00    | 0.08       | 96.64   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.24    | 0.24    | 0.24       | 4.17    | ppb   |
| Sulfur     | 34-1  | -509.29 | -785.99 | -623.82 | -639.70    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.19    | 0.23    | 0.20    | 0.20       | 10.19   | ppb   |
| Thallium   | 205-1 | 0.16    | 0.22    | 0.21    | 0.20       | 14.44   | ppb   |
| Tin        | 118-1 | 0.26    | 0.21    | 0.25    | 0.24       | 9.66    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:09:56 | DataFile Name :   | 025AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.35    | 1.44    | 1.34    | 1.38       | 3.83    | ppb   |
| Uranium   | 238-1 | 0.22    | 0.21    | 0.21    | 0.21       | 3.66    | ppb   |
| Vanadium  | 51-2  | 0.25    | 0.22    | 0.25    | 0.24       | 8.54    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.51    | 0.59    | 0.56    | 0.55       | 7.28    | ppb   |
| Zirconium | 90-1  | 0.24    | 0.24    | 0.22    | 0.23       | 6.47    | ppb   |
| Zirconium | 91-1  | 0.23    | 0.24    | 0.21    | 0.23       | 6.46    | ppb   |



|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT1- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:13:34  | DataFile Name :   | 026AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.83   | 13.08   | 13.36   | 13.42      | 2.82    | ppb   |
| Antimony   | 121-1 | 0.78    | 0.71    | 0.72    | 0.73       | 5.10    | ppb   |
| Arsenic    | 75-2  | 0.78    | 0.71    | 0.68    | 0.72       | 7.32    | ppb   |
| Barium     | 135-1 | 3.27    | 3.27    | 3.37    | 3.30       | 1.78    | ppb   |
| Barium     | 137-1 | 3.26    | 3.40    | 3.44    | 3.37       | 2.79    | ppb   |
| Beryllium  | 9-1   | 0.70    | 0.78    | 0.78    | 0.75       | 6.14    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.69    | 1.70    | 1.73    | 1.71       | 1.18    | ppb   |
| Boron      | 11-1  | 1.80    | 1.87    | 1.98    | 1.88       | 4.72    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.72    | 0.75    | 0.79    | 0.75       | 4.36    | ppb   |
| Cadmium    | 106-1 | -0.31   | 1.31    | 0.21    | 0.40       | 205.48  | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.42    | 0.00    | 0.16       | 136.68  | ppb   |
| Calcium    | 43-1  | 66.34   | 65.00   | 66.99   | 66.11      | 1.54    | ppb   |
| Calcium    | 44-1  | 67.79   | 66.15   | 66.04   | 66.66      | 1.47    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.73    | 0.67    | 0.64    | 0.68       | 7.29    | ppb   |
| Cobalt     | 59-2  | 0.74    | 0.67    | 0.74    | 0.72       | 6.03    | ppb   |
| Copper     | 63-2  | 1.37    | 1.38    | 1.44    | 1.40       | 2.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 35.75   | 35.52   | 36.46   | 35.91      | 1.37    | ppb   |
| Iron       | 56-2  | 35.00   | 34.55   | 34.48   | 34.68      | 0.82    | ppb   |
| Iron       | 57-2  | 34.00   | 31.88   | 31.26   | 32.38      | 4.44    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT1- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:13:34  | DataFile Name :   | 026AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.57    | 0.60    | 0.63    | 0.60       | 5.55    | ppb   |
| Lead       | 207-1 | 0.62    | 0.62    | 0.60    | 0.61       | 1.91    | ppb   |
| Lead       | 208-1 | 0.59    | 0.63    | 0.64    | 0.62       | 3.76    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 74.50   | 73.47   | 71.25   | 73.07      | 2.27    | ppb   |
| Manganese  | 55-2  | 1.49    | 1.30    | 1.26    | 1.35       | 9.16    | ppb   |
| Molybdenum | 94-1  | 1.86    | 1.96    | 1.77    | 1.87       | 5.20    | ppb   |
| Molybdenum | 95-1  | 0.59    | 0.69    | 0.66    | 0.64       | 7.65    | ppb   |
| Molybdenum | 96-1  | 0.71    | 0.81    | 0.80    | 0.77       | 6.93    | ppb   |
| Molybdenum | 97-1  | 0.65    | 0.72    | 0.63    | 0.66       | 7.38    | ppb   |
| Molybdenum | 98-1  | 0.65    | 0.68    | 0.62    | 0.65       | 4.90    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.78    | 0.69    | 0.63    | 0.70       | 10.33   | ppb   |
| Phosphorus | 31-2  | 4.74    | 1.55    | -11.41  | -1.71      |         | ppb   |
| Potassium  | 39-2  | 34.45   | 33.22   | 30.36   | 32.68      | 6.43    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 82-1  | -0.36   | 0.35    | -0.21   | -0.07      |         | ppb   |
| Selenium   | 77-2  | 1.29    | 0.00    | 1.22    | 0.84       | 86.69   | ppb   |
| Selenium   | 78-2  | 1.09    | 0.24    | 1.02    | 0.78       | 60.52   | ppb   |
| Silicon    | 28-1  | -0.41   | -0.50   | -0.54   | -0.48      |         | ppb   |
| Silver     | 107-1 | 0.68    | 0.72    | 0.73    | 0.71       | 3.19    | ppb   |
| Silver     | 109-1 | 0.71    | 0.70    | 0.70    | 0.70       | 0.61    | ppb   |
| Sodium     | 23-2  | 74.95   | 70.31   | 72.10   | 72.45      | 3.23    | ppb   |
| Strontium  | 86-1  | 0.37    | 0.49    | 0.30    | 0.39       | 25.73   | ppb   |
| Strontium  | 88-1  | 0.70    | 0.69    | 0.70    | 0.69       | 0.94    | ppb   |
| Sulfur     | 34-1  | -564.77 | -619.55 | -501.42 | -561.91    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.53    | 0.55    | 0.60    | 0.56       | 6.58    | ppb   |
| Thallium   | 205-1 | 0.55    | 0.64    | 0.60    | 0.60       | 7.55    | ppb   |
| Tin        | 118-1 | 0.70    | 0.71    | 0.68    | 0.69       | 2.26    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT1- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:13:34  | DataFile Name :   | 026AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.62    | 0.68    | 0.84    | 0.71       | 16.05   | ppb   |
| Uranium   | 238-1 | 0.59    | 0.60    | 0.62    | 0.60       | 2.59    | ppb   |
| Vanadium  | 51-2  | 0.70    | 0.63    | 0.64    | 0.66       | 5.28    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 1.38    | 1.25    | 1.45    | 1.36       | 7.56    | ppb   |
| Zirconium | 90-1  | 0.64    | 0.64    | 0.66    | 0.65       | 1.47    | ppb   |
| Zirconium | 91-1  | 0.60    | 0.62    | 0.57    | 0.60       | 4.10    | ppb   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-07 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:16:39 DataFile Name : 027AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.38   | 13.24   | 13.14   | 13.25      | 0.90    | ppb   |
| Antimony   | 121-1 | 0.65    | 0.77    | 0.68    | 0.70       | 9.17    | ppb   |
| Arsenic    | 75-2  | 0.72    | 0.87    | 0.78    | 0.79       | 9.21    | ppb   |
| Barium     | 135-1 | 3.09    | 3.11    | 3.32    | 3.18       | 4.07    | ppb   |
| Barium     | 137-1 | 3.47    | 3.32    | 3.48    | 3.43       | 2.62    | ppb   |
| Beryllium  | 9-1   | 0.69    | 0.74    | 0.74    | 0.72       | 4.17    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1.54    | 1.53    | 1.59    | 1.55       | 2.16    | ppb   |
| Boron      | 11-1  | 1.53    | 1.64    | 1.70    | 1.62       | 5.10    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.76    | 0.77    | 0.69    | 0.74       | 5.82    | ppb   |
| Cadmium    | 106-1 | -0.76   | 0.99    | -1.03   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | -0.21   | -0.31   | 0.26    | -0.09      |         | ppb   |
| Calcium    | 43-1  | 70.75   | 61.62   | 69.81   | 67.39      | 7.45    | ppb   |
| Calcium    | 44-1  | 67.11   | 65.10   | 67.75   | 66.65      | 2.07    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.71    | 0.79    | 0.67    | 0.72       | 8.63    | ppb   |
| Cobalt     | 59-2  | 0.74    | 0.71    | 0.70    | 0.72       | 2.82    | ppb   |
| Copper     | 63-2  | 1.38    | 1.38    | 1.40    | 1.39       | 0.70    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 36.03   | 36.06   | 35.86   | 35.98      | 0.30    | ppb   |
| Iron       | 56-2  | 35.11   | 35.08   | 34.10   | 34.76      | 1.64    | ppb   |
| Iron       | 57-2  | 39.34   | 37.90   | 37.78   | 38.34      | 2.27    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:16:39 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.64    | 0.66    | 0.57    | 0.62       | 7.07    | ppb   |
| Lead       | 207-1 | 0.64    | 0.69    | 0.66    | 0.66       | 3.51    | ppb   |
| Lead       | 208-1 | 0.65    | 0.67    | 0.65    | 0.66       | 2.09    | ppb   |
| Lithium    | 6-1   |         |         |         | 117        |         | %     |
| Magnesium  | 24-2  | 74.78   | 72.60   | 68.93   | 72.10      | 4.11    | ppb   |
| Manganese  | 55-2  | 1.35    | 1.36    | 1.47    | 1.40       | 4.91    | ppb   |
| Molybdenum | 94-1  | 1.90    | 1.96    | 1.87    | 1.91       | 2.58    | ppb   |
| Molybdenum | 95-1  | 0.63    | 0.71    | 0.70    | 0.68       | 6.02    | ppb   |
| Molybdenum | 96-1  | 0.75    | 0.79    | 0.91    | 0.82       | 10.47   | ppb   |
| Molybdenum | 97-1  | 0.70    | 0.84    | 0.73    | 0.76       | 9.18    | ppb   |
| Molybdenum | 98-1  | 0.75    | 0.63    | 0.74    | 0.71       | 9.54    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.73    | 0.71    | 0.75    | 0.73       | 2.99    | ppb   |
| Phosphorus | 31-2  | 19.01   | -7.32   | -7.52   | 1.39       | 1097.29 | ppb   |
| Potassium  | 39-2  | 34.08   | 35.00   | 36.24   | 35.10      | 3.09    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 82-1  | -0.18   | 0.30    | 2.31    | 0.81       | 163.85  | ppb   |
| Selenium   | 77-2  | 0.64    | 0.00    | 0.61    | 0.42       | 86.66   | ppb   |
| Selenium   | 78-2  | 1.45    | 0.15    | 0.61    | 0.74       | 89.24   | ppb   |
| Silicon    | 28-1  | -0.51   | -0.67   | -0.51   | -0.56      |         | ppb   |
| Silver     | 107-1 | 0.70    | 0.77    | 0.72    | 0.73       | 5.16    | ppb   |
| Silver     | 109-1 | 0.66    | 0.72    | 0.71    | 0.70       | 4.63    | ppb   |
| Sodium     | 23-2  | 74.78   | 72.47   | 76.19   | 74.48      | 2.52    | ppb   |
| Strontium  | 86-1  | 0.35    | 0.56    | 0.58    | 0.50       | 25.19   | ppb   |
| Strontium  | 88-1  | 0.67    | 0.69    | 0.71    | 0.69       | 3.14    | ppb   |
| Sulfur     | 34-1  | -481.68 | -661.90 | -455.72 | -533.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.63    | 0.58    | 0.61    | 0.60       | 3.80    | ppb   |
| Thallium   | 205-1 | 0.62    | 0.64    | 0.64    | 0.63       | 2.19    | ppb   |
| Tin        | 118-1 | 0.67    | 0.71    | 0.67    | 0.68       | 3.28    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:16:39 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.64    | 0.54    | 0.67    | 0.62       | 10.96   | ppb   |
| Uranium   | 238-1 | 0.67    | 0.65    | 0.65    | 0.65       | 1.63    | ppb   |
| Vanadium  | 51-2  | 0.65    | 0.74    | 0.65    | 0.68       | 7.01    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 1.33    | 1.62    | 1.40    | 1.45       | 10.30   | ppb   |
| Zirconium | 90-1  | 0.61    | 0.59    | 0.68    | 0.63       | 7.57    | ppb   |
| Zirconium | 91-1  | 0.63    | 0.60    | 0.60    | 0.61       | 2.49    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.15   | 14.02   | 14.45   | 14.21      | 1.57    | ppb   |
| Antimony   | 121-1 | 0.66    | 0.72    | 0.71    | 0.69       | 4.42    | ppb   |
| Arsenic    | 75-2  | 0.75    | 0.80    | 0.67    | 0.74       | 8.59    | ppb   |
| Barium     | 135-1 | 3.50    | 3.44    | 3.75    | 3.56       | 4.62    | ppb   |
| Barium     | 137-1 | 3.48    | 3.64    | 3.44    | 3.52       | 3.12    | ppb   |
| Beryllium  | 9-1   | 0.75    | 0.78    | 0.79    | 0.77       | 2.53    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 1.44    | 1.40    | 1.43    | 1.42       | 1.69    | ppb   |
| Boron      | 11-1  | 1.56    | 1.55    | 1.49    | 1.53       | 2.29    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.72    | 0.74    | 0.78    | 0.75       | 4.30    | ppb   |
| Cadmium    | 106-1 | 0.26    | 0.35    | 0.39    | 0.33       | 19.91   | ppb   |
| Cadmium    | 108-1 | 0.27    | 0.88    | 0.48    | 0.54       | 57.52   | ppb   |
| Calcium    | 43-1  | 67.44   | 66.36   | 67.12   | 66.97      | 0.83    | ppb   |
| Calcium    | 44-1  | 67.21   | 65.88   | 68.64   | 67.24      | 2.05    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.68    | 0.73    | 0.69    | 0.70       | 4.06    | ppb   |
| Cobalt     | 59-2  | 0.72    | 0.72    | 0.67    | 0.70       | 4.66    | ppb   |
| Copper     | 63-2  | 1.38    | 1.35    | 1.41    | 1.38       | 2.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 36.52   | 36.41   | 32.48   | 35.13      | 6.55    | ppb   |
| Iron       | 56-2  | 35.37   | 34.89   | 34.26   | 34.84      | 1.60    | ppb   |
| Iron       | 57-2  | 37.01   | 41.03   | 33.53   | 37.19      | 10.10   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.68    | 0.62    | 0.68    | 0.66       | 4.90    | ppb   |
| Lead       | 207-1 | 0.62    | 0.66    | 0.75    | 0.67       | 9.59    | ppb   |
| Lead       | 208-1 | 0.66    | 0.65    | 0.69    | 0.67       | 3.32    | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | 78.12   | 72.88   | 75.46   | 75.49      | 3.48    | ppb   |
| Manganese  | 55-2  | 1.37    | 1.24    | 1.25    | 1.29       | 5.73    | ppb   |
| Molybdenum | 94-1  | 1.99    | 1.88    | 1.84    | 1.90       | 3.95    | ppb   |
| Molybdenum | 95-1  | 0.73    | 0.72    | 0.76    | 0.74       | 2.91    | ppb   |
| Molybdenum | 96-1  | 0.78    | 0.80    | 0.82    | 0.80       | 2.73    | ppb   |
| Molybdenum | 97-1  | 0.55    | 0.65    | 0.82    | 0.67       | 20.42   | ppb   |
| Molybdenum | 98-1  | 0.70    | 0.70    | 0.68    | 0.69       | 1.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.79    | 0.72    | 0.74    | 0.75       | 4.84    | ppb   |
| Phosphorus | 31-2  | 20.39   | 17.21   | 6.75    | 14.78      | 48.30   | ppb   |
| Potassium  | 39-2  | 27.92   | 28.40   | 31.83   | 29.38      | 7.27    | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 82-1  | 0.29    | -0.08   | 2.10    | 0.77       | 151.10  | ppb   |
| Selenium   | 77-2  | 2.47    | 3.06    | 0.62    | 2.05       | 62.12   | ppb   |
| Selenium   | 78-2  | 1.08    | -0.15   | 0.39    | 0.44       | 140.43  | ppb   |
| Silicon    | 28-1  | -0.66   | -0.61   | -0.58   | -0.62      |         | ppb   |
| Silver     | 107-1 | 0.69    | 0.77    | 0.75    | 0.74       | 5.74    | ppb   |
| Silver     | 109-1 | 0.76    | 0.76    | 0.74    | 0.75       | 1.06    | ppb   |
| Sodium     | 23-2  | 69.38   | 73.78   | 70.73   | 71.30      | 3.16    | ppb   |
| Strontium  | 86-1  | 0.37    | 0.37    | 0.54    | 0.42       | 22.80   | ppb   |
| Strontium  | 88-1  | 0.67    | 0.69    | 0.71    | 0.69       | 2.83    | ppb   |
| Sulfur     | 34-1  | -691.07 | -667.56 | -536.38 | -631.67    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.59    | 0.62    | 0.60    | 0.60       | 2.47    | ppb   |
| Thallium   | 205-1 | 0.62    | 0.63    | 0.66    | 0.63       | 3.23    | ppb   |
| Tin        | 118-1 | 0.75    | 0.66    | 0.72    | 0.71       | 6.50    | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.59    | 0.90    | 0.75    | 0.74       | 20.99   | ppb   |
| Uranium   | 238-1 | 0.62    | 0.62    | 0.68    | 0.64       | 4.73    | ppb   |
| Vanadium  | 51-2  | 0.69    | 0.68    | 0.69    | 0.68       | 0.99    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 1.34    | 1.45    | 1.54    | 1.44       | 6.82    | ppb   |
| Zirconium | 90-1  | 0.65    | 0.65    | 0.64    | 0.65       | 0.59    | ppb   |
| Zirconium | 91-1  | 0.72    | 0.62    | 0.68    | 0.67       | 7.80    | ppb   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1331-02 Instrumnet Name : P8  
 Client Sample ID : MDL-WATER-QT1-2022- Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:22:46 DataFile Name : 029AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.06    | 7.12    | 7.83    | 7.67       | 6.38    | ppb   |
| Antimony   | 121-1 | 0.66    | 0.71    | 0.86    | 0.74       | 14.29   | ppb   |
| Arsenic    | 75-2  | 0.43    | 0.48    | 0.46    | 0.46       | 6.31    | ppb   |
| Barium     | 135-1 | 3.52    | 3.72    | 3.78    | 3.67       | 3.74    | ppb   |
| Barium     | 137-1 | 3.46    | 3.88    | 3.93    | 3.76       | 6.80    | ppb   |
| Beryllium  | 9-1   | 0.37    | 0.41    | 0.44    | 0.41       | 7.78    | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 4.51    | 5.47    | 5.99    | 5.32       | 14.12   | ppb   |
| Boron      | 11-1  | 4.88    | 5.60    | 6.39    | 5.62       | 13.44   | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.36    | 0.42    | 0.37    | 0.38       | 8.08    | ppb   |
| Cadmium    | 106-1 | 0.51    | 1.34    | -1.26   | 0.20       | 665.39  | ppb   |
| Cadmium    | 108-1 | -0.13   | 0.14    | 0.20    | 0.07       | 258.02  | ppb   |
| Calcium    | 43-1  | 169.06  | 185.10  | 192.55  | 182.24     | 6.59    | ppb   |
| Calcium    | 44-1  | 162.80  | 179.81  | 192.71  | 178.44     | 8.41    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.76    | 0.77    | 0.81    | 0.78       | 3.20    | ppb   |
| Cobalt     | 59-2  | 0.41    | 0.37    | 0.39    | 0.39       | 5.63    | ppb   |
| Copper     | 63-2  | 0.80    | 0.75    | 0.77    | 0.78       | 3.06    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 82.14   | 81.38   | 76.79   | 80.10      | 3.61    | ppb   |
| Iron       | 56-2  | 77.78   | 79.44   | 77.63   | 78.28      | 1.28    | ppb   |
| Iron       | 57-2  | 79.81   | 77.72   | 76.75   | 78.09      | 2.00    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT1-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:22:46 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |         |         |            |         | cps   |
| Lead       | 206-1 | 0.31     | 0.39    | 0.34    | 0.35       | 11.38   | ppb   |
| Lead       | 207-1 | 0.30     | 0.36    | 0.36    | 0.34       | 9.81    | ppb   |
| Lead       | 208-1 | 0.30     | 0.36    | 0.35    | 0.34       | 9.67    | ppb   |
| Lithium    | 6-1   |          |         |         | 121        |         | %     |
| Magnesium  | 24-2  | 203.64   | 202.05  | 208.67  | 204.79     | 1.69    | ppb   |
| Manganese  | 55-2  | 0.37     | 0.39    | 0.38    | 0.38       | 2.96    | ppb   |
| Molybdenum | 94-1  | 2.02     | 2.11    | 2.45    | 2.20       | 10.42   | ppb   |
| Molybdenum | 95-1  | 1.71     | 1.87    | 2.00    | 1.86       | 7.98    | ppb   |
| Molybdenum | 96-1  | 1.77     | 1.90    | 2.09    | 1.92       | 8.40    | ppb   |
| Molybdenum | 97-1  | 1.90     | 1.90    | 2.14    | 1.98       | 7.15    | ppb   |
| Molybdenum | 98-1  | 1.70     | 1.90    | 2.19    | 1.93       | 12.77   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.35     | 0.43    | 0.44    | 0.41       | 12.34   | ppb   |
| Phosphorus | 31-2  | -3.78    | -10.00  | -3.43   | -5.73      |         | ppb   |
| Potassium  | 39-2  | 189.85   | 183.49  | 194.09  | 189.14     | 2.82    | ppb   |
| Rhodium    | 103-1 |          |         |         | 111        |         | %     |
| Rhodium    | 103-2 |          |         |         | 105        |         | %     |
| Scandium   | 45-1  |          |         |         | 115        |         | %     |
| Scandium   | 45-2  |          |         |         | 105        |         | %     |
| Selenium   | 82-1  | 3.22     | 3.87    | 3.00    | 3.36       | 13.40   | ppb   |
| Selenium   | 77-2  | 3.64     | 2.38    | 4.28    | 3.43       | 28.14   | ppb   |
| Selenium   | 78-2  | 3.32     | 1.45    | 1.23    | 2.00       | 57.45   | ppb   |
| Silicon    | 28-1  | -1.31    | -0.54   | -0.16   | -0.67      |         | ppb   |
| Silver     | 107-1 | 0.38     | 0.41    | 0.41    | 0.40       | 5.00    | ppb   |
| Silver     | 109-1 | 0.35     | 0.39    | 0.45    | 0.40       | 11.56   | ppb   |
| Sodium     | 23-2  | 201.65   | 195.82  | 193.50  | 196.99     | 2.13    | ppb   |
| Strontium  | 86-1  | -0.21    | 0.21    | 0.11    | 0.04       | 593.34  | ppb   |
| Strontium  | 88-1  | 0.36     | 0.39    | 0.40    | 0.38       | 5.32    | ppb   |
| Sulfur     | 34-1  | -1557.04 | -930.64 | -571.61 | -1019.76   |         | ppb   |
| Terbium    | 159-1 |          |         |         | 112        |         | %     |
| Terbium    | 159-2 |          |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.31    | 0.33    | 0.29       | 13.74   | ppb   |
| Thallium   | 205-1 | 0.30     | 0.31    | 0.33    | 0.31       | 5.63    | ppb   |
| Tin        | 118-1 | 1.74     | 1.90    | 2.08    | 1.91       | 8.85    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT1-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:22:46 | DataFile Name :   | 029AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.79    | 2.05    | 2.20    | 2.01       | 10.33   | ppb   |
| Uranium   | 238-1 | 0.32    | 0.35    | 0.38    | 0.35       | 8.90    | ppb   |
| Vanadium  | 51-2  | 1.92    | 1.89    | 1.95    | 1.92       | 1.54    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 1.01    | 1.15    | 0.82    | 0.99       | 16.91   | ppb   |
| Zirconium | 90-1  | 0.33    | 0.37    | 0.40    | 0.37       | 9.72    | ppb   |
| Zirconium | 91-1  | 0.34    | 0.33    | 0.38    | 0.35       | 7.57    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.94    | 7.74    | 8.36    | 8.02       | 3.96    | ppb   |
| Antimony   | 121-1 | 0.84    | 0.76    | 0.79    | 0.80       | 4.69    | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.49    | 0.49    | 0.46       | 10.59   | ppb   |
| Barium     | 135-1 | 3.61    | 4.00    | 3.65    | 3.75       | 5.75    | ppb   |
| Barium     | 137-1 | 3.73    | 3.96    | 4.01    | 3.90       | 3.83    | ppb   |
| Beryllium  | 9-1   | 0.44    | 0.46    | 0.48    | 0.46       | 3.68    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 5.24    | 5.75    | 5.74    | 5.58       | 5.27    | ppb   |
| Boron      | 11-1  | 5.82    | 6.21    | 6.61    | 6.21       | 6.38    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.39    | 0.35    | 0.37    | 0.37       | 5.76    | ppb   |
| Cadmium    | 106-1 | -1.55   | -2.37   | -3.02   | -2.31      |         | ppb   |
| Cadmium    | 108-1 | -0.21   | -0.24   | 0.05    | -0.13      |         | ppb   |
| Calcium    | 43-1  | 190.39  | 186.49  | 197.28  | 191.39     | 2.86    | ppb   |
| Calcium    | 44-1  | 192.39  | 192.65  | 193.13  | 192.72     | 0.19    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.68    | 0.74    | 0.76    | 0.73       | 5.51    | ppb   |
| Cobalt     | 59-2  | 0.37    | 0.40    | 0.37    | 0.38       | 4.57    | ppb   |
| Copper     | 63-2  | 0.79    | 0.82    | 0.84    | 0.82       | 2.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 79.57   | 76.95   | 77.41   | 77.98      | 1.80    | ppb   |
| Iron       | 56-2  | 78.56   | 78.95   | 79.45   | 78.99      | 0.57    | ppb   |
| Iron       | 57-2  | 80.18   | 76.83   | 81.43   | 79.48      | 2.99    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.34    | 0.39    | 0.34    | 0.35       | 7.93    | ppb   |
| Lead       | 207-1 | 0.38    | 0.40    | 0.30    | 0.36       | 15.19   | ppb   |
| Lead       | 208-1 | 0.37    | 0.39    | 0.34    | 0.36       | 7.92    | ppb   |
| Lithium    | 6-1   |         |         |         | 115        |         | %     |
| Magnesium  | 24-2  | 212.06  | 207.05  | 203.76  | 207.62     | 2.01    | ppb   |
| Manganese  | 55-2  | 0.40    | 0.40    | 0.41    | 0.40       | 1.64    | ppb   |
| Molybdenum | 94-1  | 2.41    | 2.27    | 2.41    | 2.37       | 3.39    | ppb   |
| Molybdenum | 95-1  | 2.04    | 2.00    | 2.08    | 2.04       | 2.18    | ppb   |
| Molybdenum | 96-1  | 2.10    | 2.03    | 1.96    | 2.03       | 3.46    | ppb   |
| Molybdenum | 97-1  | 1.99    | 2.09    | 2.20    | 2.09       | 5.23    | ppb   |
| Molybdenum | 98-1  | 2.10    | 2.10    | 2.16    | 2.12       | 1.55    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.40    | 0.51    | 0.38    | 0.43       | 16.19   | ppb   |
| Phosphorus | 31-2  | -7.81   | -3.57   | -5.45   | -5.61      |         | ppb   |
| Potassium  | 39-2  | 190.85  | 188.02  | 191.02  | 189.96     | 0.89    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 82-1  | 3.74    | 2.85    | 2.25    | 2.95       | 25.43   | ppb   |
| Selenium   | 77-2  | 8.60    | 3.12    | 4.39    | 5.37       | 53.47   | ppb   |
| Selenium   | 78-2  | 2.50    | 1.90    | 2.70    | 2.36       | 17.53   | ppb   |
| Silicon    | 28-1  | -0.12   | -0.38   | -0.14   | -0.22      |         | ppb   |
| Silver     | 107-1 | 0.39    | 0.44    | 0.41    | 0.41       | 6.12    | ppb   |
| Silver     | 109-1 | 0.42    | 0.46    | 0.43    | 0.44       | 5.08    | ppb   |
| Sodium     | 23-2  | 204.69  | 199.68  | 199.93  | 201.43     | 1.40    | ppb   |
| Strontium  | 86-1  | 0.15    | 0.25    | 0.10    | 0.16       | 45.06   | ppb   |
| Strontium  | 88-1  | 0.39    | 0.41    | 0.40    | 0.40       | 2.64    | ppb   |
| Sulfur     | 34-1  | -561.14 | -704.35 | -503.14 | -589.54    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.34    | 0.31    | 0.33    | 0.33       | 5.27    | ppb   |
| Thallium   | 205-1 | 0.33    | 0.31    | 0.31    | 0.32       | 2.86    | ppb   |
| Tin        | 118-1 | 1.95    | 2.07    | 1.99    | 2.01       | 3.12    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2.10    | 2.14    | 1.96    | 2.07       | 4.45    | ppb   |
| Uranium   | 238-1 | 0.36    | 0.38    | 0.33    | 0.36       | 7.05    | ppb   |
| Vanadium  | 51-2  | 1.99    | 1.79    | 2.06    | 1.95       | 7.26    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 0.97    | 0.88    | 0.61    | 0.82       | 22.54   | ppb   |
| Zirconium | 90-1  | 0.38    | 0.34    | 0.36    | 0.36       | 5.23    | ppb   |
| Zirconium | 91-1  | 0.29    | 0.41    | 0.32    | 0.34       | 17.55   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.25   | -0.30   | -0.27   | -0.27      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.01    | 0.01    | 0.01       | 40.46   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 645.40  | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 0.91    | 0.91    | 0.65    | 0.82       | 18.64   | ppb   |
| Boron      | 11-1  | 0.90    | 0.84    | 0.79    | 0.84       | 6.57    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.01    | -0.02   | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.02    | -1.26   | -1.81   | -1.02      |         | ppb   |
| Cadmium    | 108-1 | -0.57   | -0.57   | -0.09   | -0.41      |         | ppb   |
| Calcium    | 43-1  | -2.23   | -2.98   | -2.45   | -2.55      |         | ppb   |
| Calcium    | 44-1  | -3.08   | -2.68   | -3.66   | -3.14      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.04   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.03   | -0.01   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 0.47    | -0.01   | -1.01   | -0.18      |         | ppb   |
| Iron       | 56-2  | -0.34   | -0.25   | -0.17   | -0.25      |         | ppb   |
| Iron       | 57-2  | -0.21   | 0.51    | 0.68    | 0.33       | 145.66  | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.00    | 0.01    | 0.01       | 95.07   | ppb   |
| Lead       | 207-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.00    | 0.00       | 162.55  | ppb   |
| Lithium    | 6-1   |         |         |         | 114        |         | %     |
| Magnesium  | 24-2  | -0.46   | -0.30   | -0.59   | -0.45      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 94-1  | -0.04   | -0.01   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -12.20  | -16.18  | -20.32  | -16.24     |         | ppb   |
| Potassium  | 39-2  | 1.57    | 2.89    | 0.43    | 1.63       | 75.73   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 82-1  | 0.62    | -0.71   | 0.55    | 0.15       | 489.54  | ppb   |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.43   | -0.22   | -0.54   | -0.40      |         | ppb   |
| Silicon    | 28-1  | -0.60   | -0.55   | -0.96   | -0.71      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 43.35   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 43.13   | ppb   |
| Sodium     | 23-2  | 0.15    | 3.56    | 1.32    | 1.67       | 103.55  | ppb   |
| Strontium  | 86-1  | -0.08   | -0.15   | -0.29   | -0.17      |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -754.16 | -603.79 | -718.84 | -692.26    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Thallium   | 205-1 | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Tin        | 118-1 | 0.02    | -0.01   | 0.00    | 0.00       | 1480.97 | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.12   | -0.01   | -0.02   | -0.05      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | -0.12   | -0.09   | -0.04   | -0.08      |         | ppb   |
| Zirconium | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48678.96  | 48697.50  | 49914.04  | 49096.84   | 1.44    | ppb   |
| Antimony   | 121-1 | 512.51    | 527.97    | 529.11    | 523.20     | 1.77    | ppb   |
| Arsenic    | 75-2  | 485.10    | 469.55    | 478.01    | 477.55     | 1.63    | ppb   |
| Barium     | 135-1 | 2405.54   | 2619.66   | 2511.84   | 2512.35    | 4.26    | ppb   |
| Barium     | 137-1 | 2398.45   | 2600.61   | 2492.34   | 2497.13    | 4.05    | ppb   |
| Beryllium  | 9-1   | 475.87    | 496.49    | 504.95    | 492.44     | 3.04    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Boron      | 10-1  | 484.37    | 482.20    | 515.46    | 494.01     | 3.77    | ppb   |
| Boron      | 11-1  | 471.57    | 479.35    | 513.72    | 488.21     | 4.59    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 457.87    | 500.12    | 479.20    | 479.06     | 4.41    | ppb   |
| Cadmium    | 106-1 | 475.57    | 508.82    | 492.10    | 492.16     | 3.38    | ppb   |
| Cadmium    | 108-1 | 477.36    | 502.07    | 489.95    | 489.79     | 2.52    | ppb   |
| Calcium    | 43-1  | 241125.35 | 248811.82 | 235143.06 | 241693.41  | 2.84    | ppb   |
| Calcium    | 44-1  | 243141.89 | 244260.14 | 239364.31 | 242255.45  | 1.06    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 475.88    | 471.02    | 469.94    | 472.28     | 0.67    | ppb   |
| Cobalt     | 59-2  | 490.00    | 474.98    | 484.01    | 483.00     | 1.57    | ppb   |
| Copper     | 63-2  | 5002.42   | 5121.37   | 5061.25   | 5061.68    | 1.18    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 111        |         | %     |
| Indium     | 115-1 |           |           |           | 106        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 54-2  | 124184.11 | 122892.50 | 123324.80 | 123467.14  | 0.53    | ppb   |
| Iron       | 56-2  | 122817.82 | 122570.03 | 124560.34 | 123316.06  | 0.88    | ppb   |
| Iron       | 57-2  | 125380.51 | 123447.55 | 125822.80 | 124883.62  | 1.01    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2539.53   | 2471.15   | 2542.81   | 2517.83    | 1.61    | ppb   |
| Lead       | 207-1 | 2508.84   | 2436.25   | 2546.01   | 2497.04    | 2.24    | ppb   |
| Lead       | 208-1 | 2546.71   | 2475.74   | 2544.08   | 2522.18    | 1.60    | ppb   |
| Lithium    | 6-1   |           |           |           | 119        |         | %     |
| Magnesium  | 24-2  | 256808.03 | 253655.19 | 257382.74 | 255948.65  | 0.78    | ppb   |
| Manganese  | 55-2  | 4830.56   | 4833.95   | 4949.90   | 4871.47    | 1.39    | ppb   |
| Molybdenum | 94-1  | 5008.45   | 5009.46   | 5096.93   | 5038.28    | 1.01    | ppb   |
| Molybdenum | 95-1  | 5058.83   | 5006.46   | 5088.39   | 5051.23    | 0.82    | ppb   |
| Molybdenum | 96-1  | 5055.66   | 5040.22   | 5149.61   | 5081.83    | 1.17    | ppb   |
| Molybdenum | 97-1  | 5077.24   | 5144.33   | 5101.74   | 5107.77    | 0.66    | ppb   |
| Molybdenum | 98-1  | 5158.94   | 5145.04   | 5100.47   | 5134.82    | 0.59    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 502.31    | 501.95    | 499.71    | 501.32     | 0.28    | ppb   |
| Phosphorus | 31-2  | 9939.14   | 9396.34   | 9936.31   | 9757.27    | 3.20    | ppb   |
| Potassium  | 39-2  | 119858.62 | 122238.61 | 124647.53 | 122248.26  | 1.96    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 110        |         | %     |
| Scandium   | 45-2  |           |           |           | 109        |         | %     |
| Selenium   | 82-1  | 498.62    | 507.87    | 494.27    | 500.25     | 1.39    | ppb   |
| Selenium   | 77-2  | 507.17    | 492.38    | 474.72    | 491.42     | 3.31    | ppb   |
| Selenium   | 78-2  | 498.83    | 485.48    | 492.89    | 492.40     | 1.36    | ppb   |
| Silicon    | 28-1  | 552.38    | 545.25    | 514.96    | 537.53     | 3.70    | ppb   |
| Silver     | 107-1 | 497.50    | 512.11    | 506.96    | 505.53     | 1.47    | ppb   |
| Silver     | 109-1 | 477.89    | 515.05    | 498.06    | 497.00     | 3.74    | ppb   |
| Sodium     | 23-2  | 253441.28 | 249278.00 | 249662.73 | 250794.00  | 0.92    | ppb   |
| Strontium  | 86-1  | 502.40    | 504.38    | 499.54    | 502.11     | 0.48    | ppb   |
| Strontium  | 88-1  | 512.40    | 514.30    | 510.05    | 512.25     | 0.42    | ppb   |
| Sulfur     | 34-1  | 12030.93  | 11951.92  | 11370.70  | 11784.52   | 3.06    | ppb   |
| Terbium    | 159-1 |           |           |           | 111        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 504.85    | 490.44    | 527.06    | 507.45     | 3.64    | ppb   |
| Thallium   | 205-1 | 511.84    | 489.35    | 536.69    | 512.63     | 4.62    | ppb   |
| Tin        | 118-1 | 489.62    | 511.46    | 526.51    | 509.20     | 3.64    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5090.48 | 5080.91 | 4986.67 | 5052.68    | 1.14    | ppb   |
| Uranium   | 238-1 | 522.38  | 536.48  | 534.68  | 531.18     | 1.44    | ppb   |
| Vanadium  | 51-2  | 477.95  | 476.05  | 482.84  | 478.95     | 0.73    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 5035.89 | 5079.88 | 5031.29 | 5049.02    | 0.53    | ppb   |
| Zirconium | 90-1  | 510.77  | 508.21  | 509.01  | 509.33     | 0.26    | ppb   |
| Zirconium | 91-1  | 509.97  | 502.65  | 506.40  | 506.34     | 0.72    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | -0.07   | -0.07   | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.07    | 0.06       | 18.83   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | 625.87  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.02    | 0.00       | 441.70  | ppb   |
| Barium     | 137-1 | 0.00    | 0.02    | 0.02    | 0.01       | 89.88   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.02    | 0.02       | 30.96   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 15.23   | 15.37   | 15.27   | 15.29      | 0.49    | ppb   |
| Boron      | 11-1  | 16.09   | 15.39   | 15.80   | 15.76      | 2.24    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.07   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -3.58   | -2.27   | -3.64   | -3.16      |         | ppb   |
| Cadmium    | 108-1 | -0.42   | -0.40   | -0.61   | -0.48      |         | ppb   |
| Calcium    | 43-1  | 1.20    | -0.58   | 0.50    | 0.37       | 241.46  | ppb   |
| Calcium    | 44-1  | -1.60   | -0.90   | -0.48   | -0.99      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.04   | 0.00    | -0.04   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | 0.02    | 0.03       | 35.56   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 54-2  | 0.79    | 0.83    | -0.69   | 0.31       | 278.81  | ppb   |
| Iron       | 56-2  | 0.61    | 0.12    | -0.02   | 0.24       | 139.40  | ppb   |
| Iron       | 57-2  | 1.04    | 0.20    | 0.04    | 0.43       | 126.44  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.05     | 0.06     | 0.06     | 0.06       | 6.72    | ppb   |
| Lead       | 207-1 | 0.05     | 0.05     | 0.05     | 0.05       | 4.97    | ppb   |
| Lead       | 208-1 | 0.04     | 0.05     | 0.05     | 0.05       | 11.65   | ppb   |
| Lithium    | 6-1   |          |          |          | 117        |         | %     |
| Magnesium  | 24-2  | 0.99     | 0.96     | 1.52     | 1.16       | 27.19   | ppb   |
| Manganese  | 55-2  | 0.05     | 0.04     | 0.03     | 0.04       | 26.42   | ppb   |
| Molybdenum | 94-1  | 0.05     | 0.07     | 0.06     | 0.06       | 21.37   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.04     | 0.05     | 0.06       | 39.53   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.05     | 0.07     | 0.06       | 20.99   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.07     | 0.06     | 0.06       | 14.04   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.05     | 0.09     | 0.08       | 33.14   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -6.30    | -12.84   | -0.72    | -6.62      |         | ppb   |
| Potassium  | 39-2  | -0.70    | -7.59    | -5.22    | -4.50      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 82-1  | -0.73    | -0.62    | -0.23    | -0.53      |         | ppb   |
| Selenium   | 77-2  | 1.17     | 0.60     | 0.00     | 0.59       | 99.07   | ppb   |
| Selenium   | 78-2  | -1.54    | -1.43    | -1.04    | -1.34      |         | ppb   |
| Silicon    | 28-1  | -0.75    | -0.28    | -0.63    | -0.55      |         | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.02     | 0.02       | 16.39   | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.03     | 0.03       | 13.83   | ppb   |
| Sodium     | 23-2  | 19.82    | 19.45    | 19.21    | 19.49      | 1.60    | ppb   |
| Strontium  | 86-1  | -0.48    | -0.09    | 0.00     | -0.19      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 224.12  | ppb   |
| Sulfur     | 34-1  | -1344.85 | -1014.90 | -1104.13 | -1154.63   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | -0.04    | -0.02    | -0.02    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.01    | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.01     | 0.01     | -0.03    | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.08   | -0.02   | 0.03    | -0.02      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 71.20   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 315.74  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 0.08    | 0.00    | 0.15    | 0.08       | 96.02   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.01    | 0.02    | 0.01       | 113.17  | ppb   |
| Zirconium | 91-1  | -0.01   | 0.01    | 0.01    | 0.01       | 148.38  | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 37.58   | 33.34   | 36.48   | 35.80      | 6.14    | ppb   |
| Antimony   | 121-1 | 4.02    | 3.94    | 3.73    | 3.90       | 3.84    | ppb   |
| Arsenic    | 75-2  | 1.95    | 2.03    | 2.17    | 2.05       | 5.36    | ppb   |
| Barium     | 135-1 | 19.35   | 19.73   | 17.41   | 18.83      | 6.61    | ppb   |
| Barium     | 137-1 | 20.12   | 19.82   | 17.65   | 19.20      | 7.03    | ppb   |
| Beryllium  | 9-1   | 2.10    | 2.01    | 1.94    | 2.02       | 4.00    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 35.58   | 36.21   | 34.66   | 35.48      | 2.20    | ppb   |
| Boron      | 11-1  | 36.36   | 38.08   | 36.24   | 36.90      | 2.79    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 2.23    | 2.10    | 1.86    | 2.06       | 9.18    | ppb   |
| Cadmium    | 106-1 | 1.37    | 1.09    | -0.56   | 0.63       | 165.07  | ppb   |
| Cadmium    | 108-1 | 1.19    | 1.64    | 1.79    | 1.54       | 20.16   | ppb   |
| Calcium    | 43-1  | 963.63  | 981.06  | 881.98  | 942.22     | 5.61    | ppb   |
| Calcium    | 44-1  | 971.27  | 1006.79 | 895.55  | 957.87     | 5.93    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 3.94    | 3.37    | 3.89    | 3.73       | 8.49    | ppb   |
| Cobalt     | 59-2  | 1.95    | 1.79    | 1.97    | 1.90       | 5.34    | ppb   |
| Copper     | 63-2  | 3.93    | 3.61    | 3.98    | 3.84       | 5.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | 366.38  | 356.54  | 370.71  | 364.54     | 1.99    | ppb   |
| Iron       | 56-2  | 378.16  | 347.88  | 377.08  | 367.71     | 4.67    | ppb   |
| Iron       | 57-2  | 383.73  | 349.75  | 371.08  | 368.19     | 4.66    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |         |          |            |         | cps   |
| Lead       | 206-1 | 1.98    | 1.86    | 1.76     | 1.87       | 5.72    | ppb   |
| Lead       | 207-1 | 2.01    | 1.88    | 1.72     | 1.87       | 7.61    | ppb   |
| Lead       | 208-1 | 1.95    | 1.94    | 1.72     | 1.87       | 6.92    | ppb   |
| Lithium    | 6-1   |         |         |          | 115        |         | %     |
| Magnesium  | 24-2  | 978.04  | 883.83  | 995.91   | 952.59     | 6.32    | ppb   |
| Manganese  | 55-2  | 1.91    | 1.69    | 2.00     | 1.87       | 8.63    | ppb   |
| Molybdenum | 94-1  | 6.25    | 5.54    | 5.16     | 5.65       | 9.83    | ppb   |
| Molybdenum | 95-1  | 2.49    | 2.31    | 2.28     | 2.36       | 4.67    | ppb   |
| Molybdenum | 96-1  | 2.75    | 2.70    | 2.63     | 2.69       | 2.09    | ppb   |
| Molybdenum | 97-1  | 2.35    | 2.73    | 2.02     | 2.37       | 14.90   | ppb   |
| Molybdenum | 98-1  | 2.37    | 2.33    | 2.10     | 2.27       | 6.44    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 2.10    | 1.91    | 1.99     | 2.00       | 4.91    | ppb   |
| Phosphorus | 31-2  | 10.61   | -6.18   | 11.19    | 5.21       | 189.48  | ppb   |
| Potassium  | 39-2  | 887.77  | 822.86  | 890.03   | 866.89     | 4.40    | ppb   |
| Rhodium    | 103-1 |         |         |          | 103        |         | %     |
| Rhodium    | 103-2 |         |         |          | 110        |         | %     |
| Scandium   | 45-1  |         |         |          | 106        |         | %     |
| Scandium   | 45-2  |         |         |          | 108        |         | %     |
| Selenium   | 82-1  | 10.46   | 9.50    | 9.46     | 9.81       | 5.81    | ppb   |
| Selenium   | 77-2  | 9.04    | 8.59    | 9.64     | 9.09       | 5.78    | ppb   |
| Selenium   | 78-2  | 8.20    | 7.18    | 8.30     | 7.90       | 7.84    | ppb   |
| Silicon    | 28-1  | 2.16    | 2.17    | 1.15     | 1.82       | 32.14   | ppb   |
| Silver     | 107-1 | 2.07    | 2.09    | 1.83     | 2.00       | 7.21    | ppb   |
| Silver     | 109-1 | 2.10    | 2.14    | 1.89     | 2.04       | 6.39    | ppb   |
| Sodium     | 23-2  | 942.39  | 864.03  | 958.37   | 921.59     | 5.48    | ppb   |
| Strontium  | 86-1  | 1.91    | 2.06    | 1.59     | 1.85       | 12.74   | ppb   |
| Strontium  | 88-1  | 2.13    | 2.12    | 1.89     | 2.05       | 6.64    | ppb   |
| Sulfur     | 34-1  | -900.38 | -804.49 | -1355.90 | -1020.26   |         | ppb   |
| Terbium    | 159-1 |         |         |          | 106        |         | %     |
| Terbium    | 159-2 |         |         |          | 107        |         | %     |
| Thallium   | 203-1 | 1.86    | 1.82    | 1.65     | 1.78       | 6.46    | ppb   |
| Thallium   | 205-1 | 1.89    | 1.92    | 1.69     | 1.83       | 6.74    | ppb   |
| Tin        | 118-1 | 0.07    | 0.08    | 0.03     | 0.06       | 43.75   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 10.16   | 10.62   | 9.40    | 10.06      | 6.14    | ppb   |
| Uranium   | 238-1 | 1.81    | 1.84    | 1.67    | 1.77       | 5.05    | ppb   |
| Vanadium  | 51-2  | 9.25    | 8.31    | 9.04    | 8.87       | 5.54    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 105        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 9.40    | 8.80    | 10.00   | 9.40       | 6.34    | ppb   |
| Zirconium | 90-1  | 2.06    | 2.03    | 1.84    | 1.98       | 6.05    | ppb   |
| Zirconium | 91-1  | 1.96    | 1.95    | 1.89    | 1.94       | 1.93    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.16   | -0.08   | -0.11   | -0.12      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.04    | 0.03       | 57.61   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.03    | 0.08    | 0.04       | 100.77  | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.06    | 0.02       | 129.06  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.01       | 63.00   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 10.51   | 11.10   | 10.27   | 10.62      | 4.02    | ppb   |
| Boron      | 11-1  | 10.97   | 11.45   | 11.91   | 11.44      | 4.13    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.03   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -1.06   | -1.70   | -1.14   | -1.30      |         | ppb   |
| Cadmium    | 108-1 | -0.28   | -0.51   | -0.50   | -0.43      |         | ppb   |
| Calcium    | 43-1  | -2.15   | -1.68   | 4.67    | 0.28       | 1350.20 | ppb   |
| Calcium    | 44-1  | -3.78   | -3.24   | 4.20    | -0.94      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.01   | -0.02   | 0.02    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | 0.94    | 0.20    | -0.24   | 0.30       | 198.96  | ppb   |
| Iron       | 56-2  | -0.39   | -0.37   | -0.42   | -0.39      |         | ppb   |
| Iron       | 57-2  | -1.34   | -0.18   | -1.46   | -0.99      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |          |         |            |         | cps   |
| Lead       | 206-1 | 0.03     | 0.04     | 0.09    | 0.05       | 58.62   | ppb   |
| Lead       | 207-1 | 0.03     | 0.02     | 0.08    | 0.04       | 81.72   | ppb   |
| Lead       | 208-1 | 0.02     | 0.02     | 0.09    | 0.05       | 80.60   | ppb   |
| Lithium    | 6-1   |          |          |         | 119        |         | %     |
| Magnesium  | 24-2  | -0.43    | -0.29    | 0.40    | -0.11      |         | ppb   |
| Manganese  | 55-2  | -0.01    | 0.00     | 0.02    | 0.00       | 566.27  | ppb   |
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.16    | 0.07       | 111.60  | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | 0.12    | 0.04       | 198.00  | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.13    | 0.06       | 101.35  | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.00     | 0.13    | 0.05       | 158.98  | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.13    | 0.04       | 182.04  | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -6.42    | -4.48    | -25.10  | -12.00     |         | ppb   |
| Potassium  | 39-2  | -6.48    | -12.56   | -11.32  | -10.12     |         | ppb   |
| Rhodium    | 103-1 |          |          |         | 108        |         | %     |
| Rhodium    | 103-2 |          |          |         | 108        |         | %     |
| Scandium   | 45-1  |          |          |         | 112        |         | %     |
| Scandium   | 45-2  |          |          |         | 107        |         | %     |
| Selenium   | 82-1  | -0.51    | 0.82     | -0.85   | -0.18      |         | ppb   |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.58    | 0.19       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.29    | -1.95    | -1.05   | -1.10      |         | ppb   |
| Silicon    | 28-1  | -1.28    | -1.08    | -0.69   | -1.02      |         | ppb   |
| Silver     | 107-1 | 0.02     | 0.04     | 0.04    | 0.04       | 31.61   | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.04    | 0.03       | 27.34   | ppb   |
| Sodium     | 23-2  | 10.06    | 10.99    | 13.55   | 11.53      | 15.65   | ppb   |
| Strontium  | 86-1  | -0.42    | -0.21    | -0.08   | -0.24      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.01    | 0.00       | 814.18  | ppb   |
| Sulfur     | 34-1  | -1483.64 | -1353.92 | -925.28 | -1254.28   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 112        |         | %     |
| Terbium    | 159-2 |          |          |         | 108        |         | %     |
| Thallium   | 203-1 | -0.06    | -0.03    | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.01    | -0.01    | 0.01    | -0.01      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.08   | -0.08   | 0.09    | -0.02      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.02    | 0.00       | 198.09  | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 116.16  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | -0.07   | -0.01   | 0.03    | -0.02      |         | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.02    | 0.00       | 324.16  | ppb   |
| Zirconium | 91-1  | 0.00    | -0.02   | 0.02    | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.39   | 35.19   | 37.12   | 35.90      | 2.96    | ppb   |
| Antimony   | 121-1 | 3.60    | 3.63    | 3.68    | 3.64       | 1.11    | ppb   |
| Arsenic    | 75-2  | 1.91    | 1.97    | 1.90    | 1.93       | 1.92    | ppb   |
| Barium     | 135-1 | 16.85   | 18.04   | 17.47   | 17.45      | 3.40    | ppb   |
| Barium     | 137-1 | 18.51   | 18.14   | 17.72   | 18.12      | 2.19    | ppb   |
| Beryllium  | 9-1   | 1.95    | 1.95    | 1.79    | 1.90       | 4.80    | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 28.11   | 31.21   | 29.73   | 29.69      | 5.21    | ppb   |
| Boron      | 11-1  | 30.25   | 34.01   | 31.59   | 31.95      | 5.96    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 2.04    | 2.07    | 1.91    | 2.00       | 4.33    | ppb   |
| Cadmium    | 106-1 | 1.36    | 1.44    | 1.14    | 1.31       | 11.88   | ppb   |
| Cadmium    | 108-1 | 1.62    | 1.65    | 1.55    | 1.61       | 2.96    | ppb   |
| Calcium    | 43-1  | 867.36  | 902.93  | 902.85  | 891.05     | 2.30    | ppb   |
| Calcium    | 44-1  | 874.40  | 884.91  | 889.53  | 882.95     | 0.88    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 3.66    | 3.68    | 3.77    | 3.71       | 1.61    | ppb   |
| Cobalt     | 59-2  | 1.72    | 1.81    | 1.92    | 1.82       | 5.28    | ppb   |
| Copper     | 63-2  | 3.85    | 3.75    | 3.93    | 3.84       | 2.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 54-2  | 364.08  | 374.46  | 360.66  | 366.40     | 1.96    | ppb   |
| Iron       | 56-2  | 363.42  | 356.82  | 367.17  | 362.47     | 1.45    | ppb   |
| Iron       | 57-2  | 363.16  | 359.99  | 361.17  | 361.44     | 0.44    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.73     | 1.84     | 1.78     | 1.78       | 3.22    | ppb   |
| Lead       | 207-1 | 1.77     | 1.61     | 1.86     | 1.75       | 7.40    | ppb   |
| Lead       | 208-1 | 1.77     | 1.70     | 1.79     | 1.75       | 2.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 932.03   | 930.62   | 965.79   | 942.81     | 2.11    | ppb   |
| Manganese  | 55-2  | 1.76     | 1.89     | 1.85     | 1.83       | 3.59    | ppb   |
| Molybdenum | 94-1  | 4.87     | 4.95     | 5.07     | 4.96       | 2.06    | ppb   |
| Molybdenum | 95-1  | 2.04     | 2.03     | 2.17     | 2.08       | 3.84    | ppb   |
| Molybdenum | 96-1  | 2.32     | 2.39     | 2.32     | 2.35       | 1.59    | ppb   |
| Molybdenum | 97-1  | 2.09     | 2.16     | 2.23     | 2.16       | 3.17    | ppb   |
| Molybdenum | 98-1  | 2.04     | 2.11     | 2.18     | 2.11       | 3.32    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.02     | 2.21     | 2.10     | 2.11       | 4.35    | ppb   |
| Phosphorus | 31-2  | -9.34    | -8.88    | -2.11    | -6.78      |         | ppb   |
| Potassium  | 39-2  | 870.98   | 857.72   | 859.46   | 862.72     | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 82-1  | 8.82     | 8.54     | 9.40     | 8.92       | 4.90    | ppb   |
| Selenium   | 77-2  | 8.62     | 7.57     | 14.15    | 10.11      | 34.94   | ppb   |
| Selenium   | 78-2  | 9.47     | 9.43     | 8.93     | 9.28       | 3.21    | ppb   |
| Silicon    | 28-1  | 1.22     | 1.32     | 1.41     | 1.32       | 7.29    | ppb   |
| Silver     | 107-1 | 1.80     | 1.87     | 1.82     | 1.83       | 1.82    | ppb   |
| Silver     | 109-1 | 1.92     | 1.99     | 1.86     | 1.92       | 3.42    | ppb   |
| Sodium     | 23-2  | 897.43   | 891.47   | 902.02   | 896.97     | 0.59    | ppb   |
| Strontium  | 86-1  | 1.56     | 1.69     | 1.63     | 1.63       | 3.90    | ppb   |
| Strontium  | 88-1  | 1.80     | 1.91     | 1.95     | 1.89       | 4.13    | ppb   |
| Sulfur     | 34-1  | -1382.65 | -1283.63 | -1204.15 | -1290.14   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 1.70     | 1.61     | 1.81     | 1.70       | 5.80    | ppb   |
| Thallium   | 205-1 | 1.71     | 1.75     | 1.85     | 1.77       | 4.09    | ppb   |
| Tin        | 118-1 | 0.05     | 0.06     | 0.09     | 0.07       | 25.60   | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 8.87    | 9.24    | 8.97    | 9.02       | 2.16    | ppb   |
| Uranium   | 238-1 | 1.72    | 1.69    | 1.74    | 1.72       | 1.26    | ppb   |
| Vanadium  | 51-2  | 8.85    | 8.71    | 8.77    | 8.78       | 0.76    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 9.08    | 9.85    | 8.92    | 9.29       | 5.34    | ppb   |
| Zirconium | 90-1  | 1.78    | 1.78    | 1.81    | 1.79       | 0.92    | ppb   |
| Zirconium | 91-1  | 1.87    | 1.73    | 1.86    | 1.82       | 4.14    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.32   | -0.33   | -0.29   | -0.31      |          | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.02    | 0.01       | 115.26   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | -0.01   | 0.00       |          | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | 14574.13 | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.01       | 69.70    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 6.43     | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |          | %     |
| Bismuth    | 209-2 |         |         |         | 108        |          | %     |
| Boron      | 10-1  | 6.49    | 6.12    | 5.32    | 5.97       | 9.95     | ppb   |
| Boron      | 11-1  | 6.84    | 6.55    | 6.08    | 6.49       | 5.92     | ppb   |
| Bromine    | 81-1  |         |         |         |            |          | cps   |
| Cadmium    | 111-1 | -0.01   | 0.00    | -0.05   | -0.02      |          | ppb   |
| Cadmium    | 106-1 | -1.30   | -0.77   | -3.19   | -1.75      |          | ppb   |
| Cadmium    | 108-1 | -0.43   | -0.62   | -0.72   | -0.59      |          | ppb   |
| Calcium    | 43-1  | -1.32   | -2.73   | -2.61   | -2.22      |          | ppb   |
| Calcium    | 44-1  | -2.43   | -3.59   | -3.68   | -3.23      |          | ppb   |
| Carbon     | 12-1  |         |         |         |            |          | cps   |
| Carbon     | 12-2  |         |         |         |            |          | cps   |
| Chlorine   | 35-1  |         |         |         |            |          | cps   |
| Chlorine   | 35-2  |         |         |         |            |          | cps   |
| Chromium   | 52-2  | 0.01    | 0.06    | -0.02   | 0.02       | 236.14   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |          | ppb   |
| Copper     | 63-2  | -0.01   | -0.03   | -0.02   | -0.02      |          | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 106        |          | %     |
| Holmium    | 165-2 |         |         |         | 107        |          | %     |
| Indium     | 115-1 |         |         |         | 107        |          | %     |
| Indium     | 115-2 |         |         |         | 106        |          | %     |
| Iron       | 54-2  | -0.37   | -0.05   | 0.82    | 0.13       | 458.65   | ppb   |
| Iron       | 56-2  | -0.32   | -0.30   | -0.25   | -0.29      |          | ppb   |
| Iron       | 57-2  | -1.24   | -0.93   | 1.23    | -0.31      |          | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |          |          |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.01     | 0.00     | 0.02       | 88.22   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03     | 0.00     | 0.01       | 117.81  | ppb   |
| Lead       | 208-1 | 0.02    | 0.01     | 0.00     | 0.01       | 137.59  | ppb   |
| Lithium    | 6-1   |         |          |          | 116        |         | %     |
| Magnesium  | 24-2  | -0.25   | -0.43    | -0.35    | -0.34      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 94-1  | -0.01   | -0.01    | 0.02     | 0.00       | 1258.62 | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.02    | -0.01    | 0.02     | 0.01       | 179.42  | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00     | 0.01     | 0.00       | 177.36  | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -21.13  | -16.73   | -12.88   | -16.92     |         | ppb   |
| Potassium  | 39-2  | -9.46   | -11.03   | -9.06    | -9.85      |         | ppb   |
| Rhodium    | 103-1 |         |          |          | 108        |         | %     |
| Rhodium    | 103-2 |         |          |          | 108        |         | %     |
| Scandium   | 45-1  |         |          |          | 110        |         | %     |
| Scandium   | 45-2  |         |          |          | 108        |         | %     |
| Selenium   | 82-1  | 0.74    | 1.24     | -0.16    | 0.61       | 116.31  | ppb   |
| Selenium   | 77-2  | 0.00    | 0.60     | 0.00     | 0.20       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.07   | 0.07     | -1.07    | -0.36      |         | ppb   |
| Silicon    | 28-1  | -0.31   | -1.02    | -1.11    | -0.81      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01     | 0.01     | 0.01       | 21.07   | ppb   |
| Silver     | 109-1 | 0.02    | 0.01     | 0.02     | 0.02       | 32.02   | ppb   |
| Sodium     | 23-2  | 4.45    | 4.54     | 4.60     | 4.53       | 1.73    | ppb   |
| Strontium  | 86-1  | -0.34   | -0.30    | -0.48    | -0.37      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -536.93 | -1133.20 | -1105.43 | -925.19    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 107        |         | %     |
| Terbium    | 159-2 |         |          |          | 107        |         | %     |
| Thallium   | 203-1 | -0.06   | -0.03    | -0.05    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.05   | -0.04    | -0.05    | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.03    | -0.02    | 0.00     | 0.00       | 901.82  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.07   | -0.05   | -0.02   | -0.05      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 100.05  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 0.04    | -0.08   | -0.10   | -0.05      |         | ppb   |
| Zirconium | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1  | 0.02    | -0.01   | 0.02    | 0.01       | 150.59  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9621.28  | 9406.40  | 10059.87 | 9695.85    | 3.44    | ppb   |
| Antimony   | 121-1 | 516.46   | 486.89   | 525.84   | 509.73     | 3.99    | ppb   |
| Arsenic    | 75-2  | 511.06   | 493.12   | 527.82   | 510.67     | 3.40    | ppb   |
| Barium     | 135-1 | 2520.92  | 2396.83  | 2612.45  | 2510.07    | 4.31    | ppb   |
| Barium     | 137-1 | 2511.28  | 2416.11  | 2566.51  | 2497.97    | 3.05    | ppb   |
| Beryllium  | 9-1   | 493.14   | 506.73   | 510.95   | 503.61     | 1.85    | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 442.50   | 465.42   | 485.01   | 464.31     | 4.58    | ppb   |
| Boron      | 11-1  | 433.31   | 473.28   | 476.92   | 461.17     | 5.25    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 493.97   | 474.66   | 491.30   | 486.64     | 2.15    | ppb   |
| Cadmium    | 106-1 | 512.84   | 483.05   | 512.36   | 502.75     | 3.39    | ppb   |
| Cadmium    | 108-1 | 512.83   | 478.88   | 515.60   | 502.44     | 4.07    | ppb   |
| Calcium    | 43-1  | 50641.98 | 48232.60 | 48416.34 | 49096.98   | 2.73    | ppb   |
| Calcium    | 44-1  | 50193.26 | 49564.88 | 48860.47 | 49539.54   | 1.35    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 484.19   | 472.61   | 509.78   | 488.86     | 3.89    | ppb   |
| Cobalt     | 59-2  | 513.35   | 493.57   | 537.20   | 514.71     | 4.24    | ppb   |
| Copper     | 63-2  | 5065.24  | 5072.70  | 5412.40  | 5183.45    | 3.83    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 114        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 54-2  | 26316.48 | 26834.33 | 28522.20 | 27224.34   | 4.24    | ppb   |
| Iron       | 56-2  | 25917.37 | 25881.02 | 27496.79 | 26431.73   | 3.49    | ppb   |
| Iron       | 57-2  | 24802.12 | 24032.47 | 26045.93 | 24960.17   | 4.07    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2354.40  | 2474.53  | 2507.53  | 2445.48    | 3.30    | ppb   |
| Lead       | 207-1 | 2487.84  | 2475.37  | 2472.43  | 2478.55    | 0.33    | ppb   |
| Lead       | 208-1 | 2473.60  | 2496.45  | 2516.91  | 2495.65    | 0.87    | ppb   |
| Lithium    | 6-1   |          |          |          | 125        |         | %     |
| Magnesium  | 24-2  | 53800.44 | 51724.45 | 57724.49 | 54416.46   | 5.60    | ppb   |
| Manganese  | 55-2  | 5006.88  | 5130.40  | 5346.73  | 5161.33    | 3.33    | ppb   |
| Molybdenum | 94-1  | 4974.95  | 5225.67  | 4810.05  | 5003.56    | 4.18    | ppb   |
| Molybdenum | 95-1  | 5024.45  | 5135.22  | 4875.66  | 5011.78    | 2.60    | ppb   |
| Molybdenum | 96-1  | 4971.10  | 5037.37  | 4895.55  | 4968.01    | 1.43    | ppb   |
| Molybdenum | 97-1  | 4950.06  | 5022.24  | 4855.96  | 4942.75    | 1.69    | ppb   |
| Molybdenum | 98-1  | 4880.82  | 4995.98  | 4862.68  | 4913.16    | 1.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 513.47   | 497.82   | 535.07   | 515.45     | 3.63    | ppb   |
| Phosphorus | 31-2  | 10102.94 | 10199.04 | 10919.48 | 10407.15   | 4.29    | ppb   |
| Potassium  | 39-2  | 24890.08 | 24279.84 | 25685.45 | 24951.79   | 2.82    | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | 502.47   | 506.68   | 500.01   | 503.05     | 0.67    | ppb   |
| Selenium   | 77-2  | 521.61   | 478.14   | 529.34   | 509.70     | 5.42    | ppb   |
| Selenium   | 78-2  | 509.81   | 503.48   | 535.28   | 516.19     | 3.26    | ppb   |
| Silicon    | 28-1  | 539.33   | 522.39   | 517.26   | 526.32     | 2.19    | ppb   |
| Silver     | 107-1 | 511.15   | 482.75   | 510.15   | 501.35     | 3.21    | ppb   |
| Silver     | 109-1 | 539.98   | 498.14   | 518.71   | 518.94     | 4.03    | ppb   |
| Sodium     | 23-2  | 51738.28 | 51491.18 | 55510.31 | 52913.26   | 4.26    | ppb   |
| Strontium  | 86-1  | 476.10   | 485.57   | 482.68   | 481.45     | 1.01    | ppb   |
| Strontium  | 88-1  | 497.98   | 498.37   | 494.13   | 496.83     | 0.47    | ppb   |
| Sulfur     | 34-1  | 12467.24 | 11317.48 | 11528.59 | 11771.10   | 5.20    | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 463.58   | 490.73   | 502.31   | 485.54     | 4.09    | ppb   |
| Thallium   | 205-1 | 480.19   | 492.86   | 501.52   | 491.52     | 2.18    | ppb   |
| Tin        | 118-1 | 509.12   | 482.19   | 519.61   | 503.64     | 3.83    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5044.01 | 4799.93 | 4866.95 | 4903.63    | 2.57    | ppb   |
| Uranium   | 238-1 | 499.14  | 513.18  | 500.08  | 504.13     | 1.56    | ppb   |
| Vanadium  | 51-2  | 487.01  | 472.84  | 517.86  | 492.57     | 4.67    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 5238.58 | 5124.38 | 5482.61 | 5281.86    | 3.46    | ppb   |
| Zirconium | 90-1  | 501.62  | 505.33  | 495.32  | 500.76     | 1.01    | ppb   |
| Zirconium | 91-1  | 502.88  | 510.07  | 493.97  | 502.30     | 1.61    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.21   | -0.18   | -0.25   | -0.21      |         | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.05    | 0.04       | 34.52   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 12.48   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 2.27    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 8.32    | 7.95    | 7.86    | 8.04       | 3.05    | ppb   |
| Boron      | 11-1  | 9.10    | 8.35    | 8.07    | 8.51       | 6.24    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.06   | -0.07   | -0.01   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -3.05   | -3.17   | -1.80   | -2.68      |         | ppb   |
| Cadmium    | 108-1 | -0.42   | -0.35   | -0.53   | -0.43      |         | ppb   |
| Calcium    | 43-1  | -3.33   | -2.43   | -2.08   | -2.61      |         | ppb   |
| Calcium    | 44-1  | -2.66   | -3.98   | -4.27   | -3.64      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.04   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | -0.83   | -0.78   | -1.79   | -1.13      |         | ppb   |
| Iron       | 56-2  | -0.39   | -0.55   | -0.36   | -0.43      |         | ppb   |
| Iron       | 57-2  | -1.72   | -1.14   | 0.57    | -0.76      |         | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |          |          |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.03     | 0.02     | 0.03       | 30.79   | ppb   |
| Lead       | 207-1 | 0.03    | 0.01     | 0.00     | 0.01       | 139.23  | ppb   |
| Lead       | 208-1 | 0.03    | 0.02     | 0.02     | 0.02       | 25.66   | ppb   |
| Lithium    | 6-1   |         |          |          | 117        |         | %     |
| Magnesium  | 24-2  | -0.28   | 0.11     | 0.13     | -0.01      |         | ppb   |
| Manganese  | 55-2  | 0.05    | 0.01     | 0.02     | 0.03       | 71.69   | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.05     | 0.08     | 0.07       | 26.25   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.03     | 0.03     | 0.04       | 27.18   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03     | 0.01     | 0.03       | 51.90   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.06     | 0.04     | 0.05       | 17.41   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.03     | 0.03     | 0.04       | 52.27   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -14.67  | -11.11   | -8.08    | -11.29     |         | ppb   |
| Potassium  | 39-2  | -8.91   | -12.54   | -10.74   | -10.73     |         | ppb   |
| Rhodium    | 103-1 |         |          |          | 106        |         | %     |
| Rhodium    | 103-2 |         |          |          | 107        |         | %     |
| Scandium   | 45-1  |         |          |          | 111        |         | %     |
| Scandium   | 45-2  |         |          |          | 107        |         | %     |
| Selenium   | 82-1  | -0.36   | 0.01     | -0.25    | -0.20      |         | ppb   |
| Selenium   | 77-2  | 0.59    | 1.21     | 0.00     | 0.60       | 100.92  | ppb   |
| Selenium   | 78-2  | -1.23   | -0.36    | -1.52    | -1.04      |         | ppb   |
| Silicon    | 28-1  | -0.37   | -0.99    | -1.30    | -0.89      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.03     | 0.02     | 0.02       | 43.76   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02     | 0.04     | 0.02       | 39.45   | ppb   |
| Sodium     | 23-2  | 4.55    | 5.96     | 5.34     | 5.28       | 13.32   | ppb   |
| Strontium  | 86-1  | -0.23   | -0.43    | -0.33    | -0.33      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -982.57 | -1291.94 | -1504.14 | -1259.55   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 107        |         | %     |
| Terbium    | 159-2 |         |          |          | 105        |         | %     |
| Thallium   | 203-1 | -0.06   | -0.06    | -0.06    | -0.06      |         | ppb   |
| Thallium   | 205-1 | -0.05   | -0.04    | -0.04    | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.00     | -0.01    | 0.00       | 641.65  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.07   | -0.08   | 0.02    | -0.04      |         | ppb   |
| Uranium   | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 138.41  | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 465.72  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 105        |         | %     |
| Zinc      | 66-2  | -0.01   | -0.12   | -0.02   | -0.05      |         | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Zirconium | 91-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9445.95  | 9379.34  | 9362.47  | 9395.92    | 0.47    | ppb   |
| Antimony   | 121-1 | 493.62   | 509.50   | 505.79   | 502.97     | 1.65    | ppb   |
| Arsenic    | 75-2  | 500.85   | 492.85   | 497.61   | 497.10     | 0.81    | ppb   |
| Barium     | 135-1 | 2484.00  | 2503.77  | 2493.62  | 2493.80    | 0.40    | ppb   |
| Barium     | 137-1 | 2411.42  | 2492.04  | 2450.26  | 2451.24    | 1.64    | ppb   |
| Beryllium  | 9-1   | 498.44   | 513.86   | 506.84   | 506.38     | 1.52    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 448.35   | 476.95   | 487.38   | 470.89     | 4.29    | ppb   |
| Boron      | 11-1  | 447.45   | 478.26   | 469.04   | 464.92     | 3.40    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 464.50   | 496.78   | 488.28   | 483.19     | 3.46    | ppb   |
| Cadmium    | 106-1 | 480.07   | 494.62   | 513.09   | 495.92     | 3.34    | ppb   |
| Cadmium    | 108-1 | 494.09   | 507.76   | 513.25   | 505.03     | 1.95    | ppb   |
| Calcium    | 43-1  | 48101.97 | 50741.55 | 48837.06 | 49226.86   | 2.77    | ppb   |
| Calcium    | 44-1  | 47992.58 | 50343.57 | 48395.89 | 48910.68   | 2.57    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 477.60   | 473.52   | 471.56   | 474.23     | 0.65    | ppb   |
| Cobalt     | 59-2  | 499.96   | 514.48   | 500.92   | 505.12     | 1.61    | ppb   |
| Copper     | 63-2  | 5080.68  | 5008.01  | 5080.05  | 5056.25    | 0.83    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 54-2  | 26625.90 | 25481.13 | 26184.99 | 26097.34   | 2.21    | ppb   |
| Iron       | 56-2  | 26073.10 | 25248.62 | 25040.14 | 25453.95   | 2.15    | ppb   |
| Iron       | 57-2  | 24342.55 | 24479.77 | 24335.27 | 24385.86   | 0.33    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2424.73  | 2506.29  | 2520.29  | 2483.77    | 2.08    | ppb   |
| Lead       | 207-1 | 2429.74  | 2464.80  | 2455.54  | 2450.03    | 0.74    | ppb   |
| Lead       | 208-1 | 2424.40  | 2511.25  | 2449.83  | 2461.83    | 1.81    | ppb   |
| Lithium    | 6-1   |          |          |          | 124        |         | %     |
| Magnesium  | 24-2  | 52636.14 | 52925.94 | 53193.97 | 52918.68   | 0.53    | ppb   |
| Manganese  | 55-2  | 4990.49  | 4879.23  | 4872.63  | 4914.12    | 1.35    | ppb   |
| Molybdenum | 94-1  | 4959.51  | 4838.15  | 4930.19  | 4909.28    | 1.29    | ppb   |
| Molybdenum | 95-1  | 4940.82  | 4795.94  | 4879.46  | 4872.07    | 1.49    | ppb   |
| Molybdenum | 96-1  | 4889.97  | 4842.87  | 4805.40  | 4846.08    | 0.87    | ppb   |
| Molybdenum | 97-1  | 5036.30  | 4879.08  | 4879.55  | 4931.64    | 1.84    | ppb   |
| Molybdenum | 98-1  | 5071.35  | 4865.76  | 4879.44  | 4938.85    | 2.33    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 502.73   | 506.93   | 501.63   | 503.76     | 0.56    | ppb   |
| Phosphorus | 31-2  | 10029.89 | 10098.84 | 9671.23  | 9933.32    | 2.31    | ppb   |
| Potassium  | 39-2  | 24596.44 | 24412.58 | 24625.31 | 24544.78   | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 82-1  | 505.37   | 502.94   | 497.64   | 501.99     | 0.79    | ppb   |
| Selenium   | 77-2  | 483.44   | 500.47   | 533.65   | 505.85     | 5.05    | ppb   |
| Selenium   | 78-2  | 500.70   | 497.09   | 500.74   | 499.51     | 0.42    | ppb   |
| Silicon    | 28-1  | 500.86   | 539.00   | 519.42   | 519.76     | 3.67    | ppb   |
| Silver     | 107-1 | 499.08   | 509.76   | 498.34   | 502.39     | 1.27    | ppb   |
| Silver     | 109-1 | 494.50   | 537.32   | 512.29   | 514.70     | 4.18    | ppb   |
| Sodium     | 23-2  | 50701.15 | 51640.83 | 51494.38 | 51278.79   | 0.99    | ppb   |
| Strontium  | 86-1  | 490.67   | 491.28   | 480.17   | 487.37     | 1.28    | ppb   |
| Strontium  | 88-1  | 497.55   | 506.44   | 496.09   | 500.03     | 1.12    | ppb   |
| Sulfur     | 34-1  | 11171.36 | 12177.63 | 11326.34 | 11558.44   | 4.69    | ppb   |
| Terbium    | 159-1 |          |          |          | 117        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 493.05   | 498.35   | 506.29   | 499.23     | 1.33    | ppb   |
| Thallium   | 205-1 | 488.07   | 504.47   | 515.28   | 502.61     | 2.73    | ppb   |
| Tin        | 118-1 | 487.86   | 512.48   | 487.88   | 496.08     | 2.86    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4932.21 | 5050.35 | 4851.65 | 4944.74    | 2.02    | ppb   |
| Uranium   | 238-1 | 497.94  | 478.50  | 493.20  | 489.88     | 2.07    | ppb   |
| Vanadium  | 51-2  | 473.83  | 471.54  | 467.17  | 470.85     | 0.72    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 5071.19 | 5162.08 | 5077.54 | 5103.61    | 0.99    | ppb   |
| Zirconium | 90-1  | 492.41  | 500.73  | 497.22  | 496.78     | 0.84    | ppb   |
| Zirconium | 91-1  | 496.95  | 491.89  | 485.45  | 491.43     | 1.17    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:35:53 | DataFile Name :   | 042CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.09   | 0.49    | 0.11    | 0.17       | 173.19  | ppb   |
| Antimony   | 121-1 | 0.09    | 0.11    | 0.16    | 0.12       | 29.33   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.07    | 0.01    | 0.03       | 106.43  | ppb   |
| Barium     | 135-1 | 0.07    | 0.09    | 0.06    | 0.07       | 19.63   | ppb   |
| Barium     | 137-1 | 0.07    | 0.15    | 0.03    | 0.09       | 72.62   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.02    | 0.02       | 37.74   | ppb   |
| Bismuth    | 209-1 |         |         |         | 116        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 30.92   | 28.24   | 26.29   | 28.48      | 8.16    | ppb   |
| Boron      | 11-1  | 31.91   | 31.46   | 27.75   | 30.37      | 7.53    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.03   | -0.06   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.76   | -3.57   | -2.35   | -2.56      |         | ppb   |
| Cadmium    | 108-1 | -0.33   | -0.15   | -0.52   | -0.33      |         | ppb   |
| Calcium    | 43-1  | -2.18   | -0.07   | -1.53   | -1.26      |         | ppb   |
| Calcium    | 44-1  | -2.68   | -2.69   | -3.74   | -3.04      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.04   | 0.02    | 0.02    | 0.00       | 2526.45 | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.03    | 0.02    | 0.01       | 101.15  | ppb   |
| Copper     | 63-2  | 0.07    | 0.42    | 0.23    | 0.24       | 72.80   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 114        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | -0.41   | 0.53    | 0.22    | 0.11       | 425.47  | ppb   |
| Iron       | 56-2  | -0.32   | 1.42    | 0.12    | 0.41       | 221.50  | ppb   |
| Iron       | 57-2  | -1.13   | 0.50    | 2.20    | 0.52       | 317.54  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:35:53 | DataFile Name :   | 042CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.07     | 0.10     | 0.05     | 0.08       | 34.62   | ppb   |
| Lead       | 207-1 | 0.06     | 0.08     | 0.04     | 0.06       | 33.83   | ppb   |
| Lead       | 208-1 | 0.08     | 0.11     | 0.05     | 0.08       | 36.07   | ppb   |
| Lithium    | 6-1   |          |          |          | 123        |         | %     |
| Magnesium  | 24-2  | -0.06    | 4.10     | 1.74     | 1.93       | 108.17  | ppb   |
| Manganese  | 55-2  | 0.06     | 0.38     | 0.17     | 0.20       | 81.73   | ppb   |
| Molybdenum | 94-1  | 0.18     | 0.28     | 0.19     | 0.22       | 26.51   | ppb   |
| Molybdenum | 95-1  | 0.19     | 0.18     | 0.15     | 0.17       | 14.01   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.21     | 0.15     | 0.17       | 20.41   | ppb   |
| Molybdenum | 97-1  | 0.24     | 0.18     | 0.17     | 0.20       | 18.24   | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.19     | 0.18     | 0.19       | 4.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.03     | 0.02     | 0.02     | 0.02       | 25.32   | ppb   |
| Phosphorus | 31-2  | -3.59    | -14.11   | -19.45   | -12.38     |         | ppb   |
| Potassium  | 39-2  | -9.32    | -9.99    | 1.72     | -5.86      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 82-1  | -1.61    | 0.34     | -0.20    | -0.49      |         | ppb   |
| Selenium   | 77-2  | 0.00     | 1.21     | 0.00     | 0.40       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.51    | -1.74    | -1.58    | -1.27      |         | ppb   |
| Silicon    | 28-1  | -0.58    | -0.81    | -0.84    | -0.75      |         | ppb   |
| Silver     | 107-1 | 0.07     | 0.08     | 0.07     | 0.07       | 9.50    | ppb   |
| Silver     | 109-1 | 0.08     | 0.09     | 0.05     | 0.07       | 23.10   | ppb   |
| Sodium     | 23-2  | 9.25     | 13.03    | 14.31    | 12.20      | 21.56   | ppb   |
| Strontium  | 86-1  | -0.29    | -0.25    | -0.38    | -0.31      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.00     | 0.01       | 109.19  | ppb   |
| Sulfur     | 34-1  | -1682.97 | -1760.82 | -1768.61 | -1737.47   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 112        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.01     | 0.00     | 0.02     | 0.01       | 73.43   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:35:53 | DataFile Name :   | 042CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.12    | 0.19    | 0.08    | 0.13       | 41.81   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.02    | 0.01    | 0.01       | 42.34   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.03    | 0.02    | 0.02       | 79.64   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | -0.02   | 0.29    | 0.11    | 0.13       | 120.86  | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 42.55   | ppb   |
| Zirconium | 91-1  | 0.00    | 0.02    | 0.04    | 0.02       | 87.11   | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9385.83  | 9251.32  | 9284.85  | 9307.33    | 0.75    | ppb   |
| Antimony   | 121-1 | 510.50   | 495.90   | 525.19   | 510.53     | 2.87    | ppb   |
| Arsenic    | 75-2  | 467.48   | 465.72   | 478.70   | 470.63     | 1.50    | ppb   |
| Barium     | 135-1 | 2553.04  | 2499.69  | 2612.04  | 2554.92    | 2.20    | ppb   |
| Barium     | 137-1 | 2577.25  | 2492.29  | 2527.50  | 2532.35    | 1.69    | ppb   |
| Beryllium  | 9-1   | 490.17   | 494.05   | 517.92   | 500.71     | 3.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 462.50   | 476.74   | 521.89   | 487.05     | 6.37    | ppb   |
| Boron      | 11-1  | 455.21   | 495.86   | 501.38   | 484.15     | 5.21    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 474.36   | 473.24   | 497.46   | 481.69     | 2.84    | ppb   |
| Cadmium    | 106-1 | 502.18   | 490.49   | 522.51   | 505.06     | 3.21    | ppb   |
| Cadmium    | 108-1 | 486.22   | 496.85   | 511.35   | 498.14     | 2.53    | ppb   |
| Calcium    | 43-1  | 50492.37 | 48990.93 | 51821.70 | 50435.00   | 2.81    | ppb   |
| Calcium    | 44-1  | 49053.82 | 48301.54 | 49840.22 | 49065.19   | 1.57    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 478.12   | 468.05   | 464.88   | 470.35     | 1.47    | ppb   |
| Cobalt     | 59-2  | 507.52   | 511.05   | 497.74   | 505.44     | 1.36    | ppb   |
| Copper     | 63-2  | 5026.63  | 4886.04  | 4964.07  | 4958.91    | 1.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 108        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 54-2  | 26173.65 | 26174.28 | 26292.37 | 26213.43   | 0.26    | ppb   |
| Iron       | 56-2  | 25355.24 | 25374.99 | 25637.16 | 25455.79   | 0.62    | ppb   |
| Iron       | 57-2  | 24813.57 | 23981.48 | 24071.79 | 24288.95   | 1.88    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2435.84  | 2447.47  | 2456.20  | 2446.50    | 0.42    | ppb   |
| Lead       | 207-1 | 2441.27  | 2487.91  | 2444.94  | 2458.04    | 1.06    | ppb   |
| Lead       | 208-1 | 2487.62  | 2475.74  | 2491.41  | 2484.92    | 0.33    | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 54303.60 | 52229.54 | 52066.03 | 52866.39   | 2.36    | ppb   |
| Manganese  | 55-2  | 4922.88  | 4932.94  | 4991.70  | 4949.17    | 0.75    | ppb   |
| Molybdenum | 94-1  | 4904.70  | 5048.63  | 4982.09  | 4978.47    | 1.45    | ppb   |
| Molybdenum | 95-1  | 4884.27  | 5030.02  | 4990.70  | 4968.33    | 1.52    | ppb   |
| Molybdenum | 96-1  | 4896.50  | 4979.15  | 4991.85  | 4955.83    | 1.04    | ppb   |
| Molybdenum | 97-1  | 4805.16  | 4944.87  | 5045.66  | 4931.90    | 2.45    | ppb   |
| Molybdenum | 98-1  | 4923.81  | 4832.19  | 4955.64  | 4903.88    | 1.31    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.44   | 492.08   | 489.80   | 493.44     | 0.91    | ppb   |
| Phosphorus | 31-2  | 9809.54  | 9566.80  | 9762.77  | 9713.04    | 1.33    | ppb   |
| Potassium  | 39-2  | 25079.35 | 23998.29 | 24224.14 | 24433.93   | 2.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 82-1  | 481.32   | 485.07   | 486.12   | 484.17     | 0.52    | ppb   |
| Selenium   | 77-2  | 452.96   | 438.08   | 474.42   | 455.15     | 4.01    | ppb   |
| Selenium   | 78-2  | 452.39   | 447.60   | 465.90   | 455.30     | 2.08    | ppb   |
| Silicon    | 28-1  | 525.50   | 521.50   | 564.27   | 537.09     | 4.40    | ppb   |
| Silver     | 107-1 | 511.07   | 510.31   | 542.42   | 521.27     | 3.51    | ppb   |
| Silver     | 109-1 | 514.41   | 489.41   | 516.64   | 506.82     | 2.98    | ppb   |
| Sodium     | 23-2  | 52408.39 | 49625.13 | 49298.93 | 50444.15   | 3.39    | ppb   |
| Strontium  | 86-1  | 479.76   | 489.03   | 493.92   | 487.57     | 1.48    | ppb   |
| Strontium  | 88-1  | 493.75   | 498.72   | 504.28   | 498.92     | 1.06    | ppb   |
| Sulfur     | 34-1  | 10961.20 | 10899.87 | 12523.50 | 11461.52   | 8.03    | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 487.97   | 474.81   | 496.15   | 486.31     | 2.21    | ppb   |
| Thallium   | 205-1 | 507.52   | 484.25   | 498.98   | 496.92     | 2.37    | ppb   |
| Tin        | 118-1 | 506.01   | 498.90   | 498.49   | 501.13     | 0.84    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5056.06 | 4928.06 | 5149.19 | 5044.44    | 2.20    | ppb   |
| Uranium   | 238-1 | 499.43  | 501.92  | 503.34  | 501.56     | 0.40    | ppb   |
| Vanadium  | 51-2  | 479.12  | 473.14  | 473.65  | 475.30     | 0.70    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 4925.58 | 4898.84 | 4847.46 | 4890.63    | 0.81    | ppb   |
| Zirconium | 90-1  | 498.95  | 504.92  | 509.71  | 504.53     | 1.07    | ppb   |
| Zirconium | 91-1  | 501.52  | 512.29  | 500.96  | 504.92     | 1.26    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48548.12  | 48165.21  | 47456.66  | 48056.66   | 1.15    | ppb   |
| Antimony   | 121-1 | 494.37    | 522.24    | 505.36    | 507.32     | 2.77    | ppb   |
| Arsenic    | 75-2  | 477.21    | 450.23    | 463.66    | 463.70     | 2.91    | ppb   |
| Barium     | 135-1 | 2359.95   | 2513.67   | 2443.94   | 2439.19    | 3.16    | ppb   |
| Barium     | 137-1 | 2384.24   | 2496.24   | 2407.61   | 2429.36    | 2.43    | ppb   |
| Beryllium  | 9-1   | 455.92    | 476.34    | 474.74    | 469.00     | 2.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 102        |         | %     |
| Boron      | 10-1  | 457.73    | 497.40    | 503.90    | 486.34     | 5.14    | ppb   |
| Boron      | 11-1  | 447.02    | 482.92    | 523.71    | 484.55     | 7.92    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 441.54    | 461.66    | 446.86    | 450.02     | 2.32    | ppb   |
| Cadmium    | 106-1 | 464.09    | 473.91    | 465.07    | 467.69     | 1.16    | ppb   |
| Cadmium    | 108-1 | 449.91    | 484.35    | 465.12    | 466.46     | 3.70    | ppb   |
| Calcium    | 43-1  | 219144.33 | 240295.17 | 231684.09 | 230374.53  | 4.62    | ppb   |
| Calcium    | 44-1  | 222922.63 | 239758.91 | 233302.01 | 231994.52  | 3.66    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 473.13    | 466.57    | 450.48    | 463.39     | 2.52    | ppb   |
| Cobalt     | 59-2  | 503.15    | 479.79    | 458.78    | 480.57     | 4.62    | ppb   |
| Copper     | 63-2  | 5130.34   | 4952.23   | 4797.06   | 4959.87    | 3.36    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 116        |         | %     |
| Holmium    | 165-2 |           |           |           | 110        |         | %     |
| Indium     | 115-1 |           |           |           | 110        |         | %     |
| Indium     | 115-2 |           |           |           | 100        |         | %     |
| Iron       | 54-2  | 126035.95 | 122874.43 | 118524.80 | 122478.39  | 3.08    | ppb   |
| Iron       | 56-2  | 123988.99 | 121198.04 | 118591.25 | 121259.43  | 2.23    | ppb   |
| Iron       | 57-2  | 129460.10 | 122048.38 | 117190.92 | 122899.80  | 5.03    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2338.52   | 2585.59   | 2518.23   | 2480.78    | 5.15    | ppb   |
| Lead       | 207-1 | 2376.59   | 2590.89   | 2550.84   | 2506.11    | 4.55    | ppb   |
| Lead       | 208-1 | 2370.13   | 2570.49   | 2530.23   | 2490.28    | 4.26    | ppb   |
| Lithium    | 6-1   |           |           |           | 125        |         | %     |
| Magnesium  | 24-2  | 251212.95 | 253139.28 | 241851.72 | 248734.65  | 2.43    | ppb   |
| Manganese  | 55-2  | 4953.16   | 4850.25   | 4607.19   | 4803.53    | 3.70    | ppb   |
| Molybdenum | 94-1  | 4612.50   | 5151.03   | 4959.50   | 4907.68    | 5.56    | ppb   |
| Molybdenum | 95-1  | 4671.66   | 5026.04   | 4897.56   | 4865.08    | 3.69    | ppb   |
| Molybdenum | 96-1  | 4751.54   | 5044.41   | 4927.89   | 4907.95    | 3.00    | ppb   |
| Molybdenum | 97-1  | 4777.68   | 5031.60   | 4851.26   | 4886.84    | 2.67    | ppb   |
| Molybdenum | 98-1  | 4845.83   | 5011.04   | 4838.05   | 4898.30    | 1.99    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 504.20    | 499.66    | 481.35    | 495.07     | 2.44    | ppb   |
| Phosphorus | 31-2  | 9806.50   | 9279.73   | 9411.87   | 9499.37    | 2.89    | ppb   |
| Potassium  | 39-2  | 121670.18 | 118838.00 | 115125.03 | 118544.40  | 2.77    | ppb   |
| Rhodium    | 103-1 |           |           |           | 105        |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 117        |         | %     |
| Scandium   | 45-2  |           |           |           | 109        |         | %     |
| Selenium   | 82-1  | 452.76    | 484.84    | 465.15    | 467.58     | 3.46    | ppb   |
| Selenium   | 77-2  | 451.64    | 429.79    | 479.82    | 453.75     | 5.53    | ppb   |
| Selenium   | 78-2  | 479.82    | 460.09    | 470.84    | 470.25     | 2.10    | ppb   |
| Silicon    | 28-1  | 461.54    | 523.37    | 519.29    | 501.40     | 6.90    | ppb   |
| Silver     | 107-1 | 478.44    | 490.54    | 469.02    | 479.33     | 2.25    | ppb   |
| Silver     | 109-1 | 472.52    | 507.91    | 482.50    | 487.65     | 3.74    | ppb   |
| Sodium     | 23-2  | 250693.88 | 249955.20 | 240578.97 | 247076.02  | 2.28    | ppb   |
| Strontium  | 86-1  | 468.84    | 487.73    | 467.34    | 474.64     | 2.39    | ppb   |
| Strontium  | 88-1  | 466.39    | 498.37    | 482.59    | 482.45     | 3.31    | ppb   |
| Sulfur     | 34-1  | 8958.88   | 11487.88  | 10601.61  | 10349.45   | 12.40   | ppb   |
| Terbium    | 159-1 |           |           |           | 116        |         | %     |
| Terbium    | 159-2 |           |           |           | 110        |         | %     |
| Thallium   | 203-1 | 479.36    | 509.58    | 524.27    | 504.40     | 4.54    | ppb   |
| Thallium   | 205-1 | 478.21    | 534.08    | 522.68    | 511.66     | 5.77    | ppb   |
| Tin        | 118-1 | 474.70    | 504.91    | 477.11    | 485.57     | 3.46    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4525.80 | 4977.79 | 4973.95 | 4825.85    | 5.38    | ppb   |
| Uranium   | 238-1 | 507.74  | 538.20  | 515.98  | 520.64     | 3.03    | ppb   |
| Vanadium  | 51-2  | 477.19  | 467.79  | 456.27  | 467.09     | 2.24    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 4871.26 | 4841.37 | 4677.11 | 4796.58    | 2.18    | ppb   |
| Zirconium | 90-1  | 466.27  | 499.53  | 495.13  | 486.97     | 3.71    | ppb   |
| Zirconium | 91-1  | 467.01  | 510.11  | 491.70  | 489.61     | 4.42    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.65    | 1.28    | 1.32    | 2.08       | 65.17   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.12    | 0.17    | 0.13       | 35.66   | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.02    | 0.03    | 0.05       | 73.86   | ppb   |
| Barium     | 135-1 | -0.01   | 0.11    | 0.28    | 0.13       | 114.15  | ppb   |
| Barium     | 137-1 | 0.03    | 0.14    | 0.27    | 0.15       | 79.44   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.05    | 0.10    | 0.06       | 51.14   | ppb   |
| Bismuth    | 209-1 |         |         |         | 115        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 34.60   | 36.20   | 33.82   | 34.87      | 3.48    | ppb   |
| Boron      | 11-1  | 38.84   | 37.73   | 35.78   | 37.45      | 4.13    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.04    | 0.02    | 0.08    | 0.05       | 64.85   | ppb   |
| Cadmium    | 106-1 | -1.25   | -2.05   | -1.52   | -1.61      |         | ppb   |
| Cadmium    | 108-1 | -0.68   | -0.43   | -0.39   | -0.50      |         | ppb   |
| Calcium    | 43-1  | -0.08   | 2.91    | 14.39   | 5.74       | 133.06  | ppb   |
| Calcium    | 44-1  | -0.33   | 2.62    | 13.35   | 5.21       | 138.11  | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.10    | -0.05   | -0.02   | 0.01       | 780.87  | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.03    | 0.02    | 0.04       | 70.28   | ppb   |
| Copper     | 63-2  | 0.72    | 0.32    | 0.23    | 0.42       | 62.27   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 54-2  | 7.62    | 4.44    | 3.34    | 5.13       | 43.26   | ppb   |
| Iron       | 56-2  | 9.10    | 3.27    | 1.78    | 4.72       | 82.07   | ppb   |
| Iron       | 57-2  | 8.32    | 3.37    | 3.20    | 4.96       | 58.60   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.15     | 0.17     | 0.36     | 0.22       | 52.21   | ppb   |
| Lead       | 207-1 | 0.13     | 0.15     | 0.32     | 0.20       | 52.89   | ppb   |
| Lead       | 208-1 | 0.12     | 0.16     | 0.34     | 0.21       | 56.63   | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 20.96    | 7.59     | 6.27     | 11.61      | 70.03   | ppb   |
| Manganese  | 55-2  | 0.64     | 0.26     | 0.15     | 0.35       | 73.06   | ppb   |
| Molybdenum | 94-1  | 0.15     | 0.29     | 0.58     | 0.34       | 63.93   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.21     | 0.58     | 0.31       | 77.54   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.23     | 0.58     | 0.31       | 76.28   | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.27     | 0.59     | 0.33       | 69.09   | ppb   |
| Molybdenum | 98-1  | 0.14     | 0.26     | 0.65     | 0.35       | 75.69   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.08     | 0.00     | 0.01     | 0.03       | 147.89  | ppb   |
| Phosphorus | 31-2  | 7.46     | -24.27   | -13.21   | -10.01     |         | ppb   |
| Potassium  | 39-2  | 38.43    | -8.11    | -2.93    | 9.13       | 279.45  | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 117        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 1.23     | -0.58    | 0.02     | 0.22       | 414.96  | ppb   |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.23    | -2.24    | -2.06    | -1.51      |         | ppb   |
| Silicon    | 28-1  | -1.32    | -1.01    | -1.05    | -1.13      |         | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.08     | 0.07       | 12.48   | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.08     | 0.07       | 15.72   | ppb   |
| Sodium     | 23-2  | 82.69    | 51.67    | 47.24    | 60.53      | 31.91   | ppb   |
| Strontium  | 86-1  | -0.48    | -0.46    | -0.41    | -0.45      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.02     | 0.06     | 0.03       | 103.22  | ppb   |
| Sulfur     | 34-1  | -2022.14 | -1894.86 | -1935.37 | -1950.79   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 114        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.05     | 0.06     | 0.04       | 49.48   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.02     | 0.08     | 0.04       | 73.78   | ppb   |
| Tin        | 118-1 | -0.02    | 0.03     | 0.07     | 0.03       | 161.63  | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.14    | 0.15    | 0.49    | 0.26       | 75.34   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.02    | 0.06    | 0.03       | 106.96  | ppb   |
| Vanadium  | 51-2  | 0.05    | 0.03    | 0.01    | 0.03       | 76.33   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 115        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 0.69    | 0.29    | 0.17    | 0.38       | 71.95   | ppb   |
| Zirconium | 90-1  | 0.02    | 0.03    | 0.08    | 0.04       | 79.40   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.04    | 0.06    | 0.04       | 63.69   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 64      | 60      | 95      | 73      | 26.36  | cps   |
| Antimony   | 121-1 | 33      | 42      | 42      | 39      | 12.38  | cps   |
| Arsenic    | 75-2  | 5       | 7       | 3       | 5       | 40.00  | cps   |
| Barium     | 135-1 | 50      | 25      | 25      | 33      | 43.30  | cps   |
| Barium     | 137-1 | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Beryllium  | 9-1   | 42      | 36      | 28      | 35      | 19.88  | cps   |
| Bismuth    | 209-1 | 4343966 | 4367693 | 4414072 | 4375243 | 0.81   | cps   |
| Bismuth    | 209-2 | 2092894 | 2069801 | 2028770 | 2063822 | 1.57   | cps   |
| Boron      | 10-1  | 446     | 430     | 476     | 451     | 5.18   | cps   |
| Boron      | 11-1  | 1960    | 1812    | 1786    | 1852    | 5.07   | cps   |
| Bromine    | 81-1  | 36115   | 39045   | 38805   | 37988   | 4.28   | cps   |
| Cadmium    | 111-1 | 589     | 558     | 618     | 588     | 5.07   | cps   |
| Cadmium    | 106-1 | 3092    | 2934    | 3484    | 3170    | 8.93   | cps   |
| Cadmium    | 108-1 | 138     | 142     | 196     | 158     | 20.55  | cps   |
| Calcium    | 43-1  | 251     | 239     | 212     | 234     | 8.44   | cps   |
| Calcium    | 44-1  | 6975    | 6881    | 6826    | 6894    | 1.09   | cps   |
| Carbon     | 12-1  | 5473751 | 5235010 | 5055048 | 5254603 | 4.00   | cps   |
| Carbon     | 12-2  | 57029   | 55564   | 55581   | 56058   | 1.50   | cps   |
| Chlorine   | 35-1  | 166594  | 163744  | 166527  | 165621  | 0.98   | cps   |
| Chlorine   | 35-2  | 1708    | 1950    | 1758    | 1806    | 7.07   | cps   |
| Chromium   | 52-2  | 817     | 900     | 857     | 858     | 4.86   | cps   |
| Cobalt     | 59-2  | 43      | 57      | 77      | 59      | 28.49  | cps   |
| Copper     | 63-2  | 507     | 493     | 540     | 513     | 4.68   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 83      | 58      | 72      | 17.63  | cps   |
| Erbium     | 164-2 | 20      | 23      | 17      | 20      | 16.65  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 75      | 75      | 11.11  | cps   |
| Gadolinium | 160-2 | 50      | 47      | 43      | 47      | 7.15   | cps   |
| Holmium    | 165-1 | 7253159 | 7461385 | 7229771 | 7314772 | 1.74   | cps   |
| Holmium    | 165-2 | 3054225 | 3100626 | 3029510 | 3061454 | 1.18   | cps   |
| Indium     | 115-1 | 6753197 | 6509730 | 6677435 | 6646787 | 1.87   | cps   |
| Indium     | 115-2 | 1175476 | 1197200 | 1185214 | 1185963 | 0.92   | cps   |
| Iron       | 54-2  | 583     | 583     | 622     | 596     | 3.77   | cps   |
| Iron       | 56-2  | 5173    | 4695    | 4829    | 4899    | 5.03   | cps   |
| Iron       | 57-2  | 172     | 206     | 200     | 193     | 9.27   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Krypton    | 83-1  | 3919    | 3863    | 3820    | 3867    | 1.28    | cps   |
| Lead       | 206-1 | 689     | 667     | 639     | 665     | 3.77    | cps   |
| Lead       | 207-1 | 700     | 561     | 583     | 615     | 12.13   | cps   |
| Lead       | 208-1 | 2906    | 2784    | 2589    | 2759    | 5.79    | cps   |
| Lithium    | 6-1   | 4066867 | 3938817 | 3956836 | 3987506 | 1.74    | cps   |
| Magnesium  | 24-2  | 292     | 267     | 325     | 294     | 9.94    | cps   |
| Manganese  | 55-2  | 43      | 60      | 57      | 53      | 16.54   | cps   |
| Molybdenum | 94-1  | 150     | 125     | 192     | 156     | 21.65   | cps   |
| Molybdenum | 95-1  | 58      | 92      | 67      | 72      | 24.02   | cps   |
| Molybdenum | 96-1  | 350     | 325     | 408     | 361     | 11.84   | cps   |
| Molybdenum | 97-1  | 67      | 25      | 17      | 36      | 74.18   | cps   |
| Molybdenum | 98-1  | 158     | 175     | 208     | 181     | 14.10   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 40      | 57      | 30      | 42      | 31.91   | cps   |
| Phosphorus | 31-2  | 92      | 100     | 108     | 100     | 8.33    | cps   |
| Potassium  | 39-2  | 19280   | 19038   | 19247   | 19188   | 0.68    | cps   |
| Rhodium    | 103-1 | 6594198 | 6367671 | 6145304 | 6369058 | 3.52    | cps   |
| Rhodium    | 103-2 | 2683758 | 2686366 | 2745788 | 2705304 | 1.30    | cps   |
| Scandium   | 45-1  | 4965354 | 4920191 | 4907966 | 4931170 | 0.61    | cps   |
| Scandium   | 45-2  | 181799  | 180406  | 181859  | 181355  | 0.45    | cps   |
| Selenium   | 82-1  | 59      | -44     | -44     | -10     | -617.42 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 115     | 126     | 128     | 123     | 5.69    | cps   |
| Silicon    | 28-1  | 421477  | 424801  | 415756  | 420678  | 1.09    | cps   |
| Silver     | 107-1 | 100     | 83      | 117     | 100     | 16.66   | cps   |
| Silver     | 109-1 | 50      | 117     | 83      | 83      | 40.00   | cps   |
| Sodium     | 23-2  | 11038   | 11238   | 10854   | 11043   | 1.74    | cps   |
| Strontium  | 86-1  | 6168    | 6702    | 6560    | 6477    | 4.27    | cps   |
| Strontium  | 88-1  | 150     | 183     | 242     | 192     | 24.21   | cps   |
| Sulfur     | 34-1  | 234363  | 235457  | 237371  | 235730  | 0.65    | cps   |
| Terbium    | 159-1 | 7648837 | 7634802 | 7636923 | 7640187 | 0.10    | cps   |
| Terbium    | 159-2 | 3165213 | 3140267 | 2991067 | 3098849 | 3.04    | cps   |
| Thallium   | 203-1 | 517     | 525     | 700     | 581     | 17.83   | cps   |
| Thallium   | 205-1 | 1242    | 1325    | 1167    | 1245    | 6.37    | cps   |
| Tin        | 118-1 | 508     | 683     | 542     | 578     | 16.08   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:19:07 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 217      | 200      | 250      | 222      | 11.46  | cps   |
| Uranium   | 238-1 | 42       | 33       | 25       | 33       | 25.01  | cps   |
| Vanadium  | 51-2  | 13       | 3        | 3        | 7        | 86.65  | cps   |
| Ytterbium | 172-1 | 50       | 33       | 58       | 47       | 26.96  | cps   |
| Ytterbium | 172-2 | 17       | 28       | 11       | 19       | 45.83  | cps   |
| Ytterbium | 176-1 | 1108     | 1150     | 925      | 1061     | 11.28  | cps   |
| Ytterbium | 176-2 | 3339     | 3512     | 3562     | 3471     | 3.36   | cps   |
| Yttrium   | 89-1  | 11139317 | 11260712 | 11285712 | 11228581 | 0.70   | cps   |
| Yttrium   | 89-2  | 1535119  | 1493035  | 1516304  | 1514819  | 1.39   | cps   |
| Zinc      | 66-2  | 127      | 117      | 70       | 104      | 28.96  | cps   |
| Zirconium | 90-1  | 408      | 517      | 542      | 489      | 14.50  | cps   |
| Zirconium | 91-1  | 108      | 50       | 108      | 89       | 37.89  | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1294    | 1339    | 1296    | 1309    | 1.93   | cps   |
| Antimony   | 121-1 | 10721   | 10162   | 10496   | 10460   | 2.69   | cps   |
| Arsenic    | 75-2  | 217     | 210     | 212     | 213     | 1.69   | cps   |
| Barium     | 135-1 | 13657   | 13849   | 13666   | 13724   | 0.79   | cps   |
| Barium     | 137-1 | 23805   | 24356   | 24665   | 24275   | 1.79   | cps   |
| Beryllium  | 9-1   | 2704    | 2628    | 2562    | 2631    | 2.70   | cps   |
| Bismuth    | 209-1 | 4135835 | 3668797 | 3716955 | 3840529 | 6.69   | cps   |
| Bismuth    | 209-2 | 2079625 | 2097495 | 2095154 | 2090758 | 0.46   | cps   |
| Boron      | 10-1  | 8015    | 8367    | 8741    | 8374    | 4.34   | cps   |
| Boron      | 11-1  | 33945   | 35839   | 37204   | 35663   | 4.59   | cps   |
| Bromine    | 81-1  | 41966   | 39125   | 37379   | 39490   | 5.86   | cps   |
| Cadmium    | 111-1 | 2283    | 2136    | 2118    | 2179    | 4.16   | cps   |
| Cadmium    | 106-1 | 3559    | 2984    | 2967    | 3170    | 10.63  | cps   |
| Cadmium    | 108-1 | 279     | 283     | 317     | 293     | 7.01   | cps   |
| Calcium    | 43-1  | 11758   | 11780   | 11522   | 11687   | 1.22   | cps   |
| Calcium    | 44-1  | 192721  | 190580  | 192143  | 191815  | 0.58   | cps   |
| Carbon     | 12-1  | 5556428 | 5285947 | 5142946 | 5328441 | 3.94   | cps   |
| Carbon     | 12-2  | 57897   | 57003   | 57204   | 57368   | 0.82   | cps   |
| Chlorine   | 35-1  | 154292  | 150098  | 154165  | 152852  | 1.56   | cps   |
| Chlorine   | 35-2  | 1567    | 1508    | 1533    | 1536    | 1.91   | cps   |
| Chromium   | 52-2  | 4344    | 4514    | 4517    | 4459    | 2.22   | cps   |
| Cobalt     | 59-2  | 3247    | 3200    | 3160    | 3203    | 1.35   | cps   |
| Copper     | 63-2  | 5264    | 5228    | 5048    | 5180    | 2.24   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 67      | 33      | 33      | 44      | 43.31  | cps   |
| Erbium     | 164-2 | 3       | 20      | 13      | 12      | 68.66  | cps   |
| Gadolinium | 160-1 | 75      | 42      | 50      | 56      | 31.22  | cps   |
| Gadolinium | 160-2 | 83      | 50      | 63      | 66      | 25.59  | cps   |
| Holmium    | 165-1 | 7201771 | 5944722 | 6161884 | 6436126 | 10.44  | cps   |
| Holmium    | 165-2 | 3054890 | 3030895 | 3068652 | 3051479 | 0.63   | cps   |
| Indium     | 115-1 | 6748319 | 5452133 | 5920082 | 6040178 | 10.87  | cps   |
| Indium     | 115-2 | 1197615 | 1196054 | 1203951 | 1199207 | 0.35   | cps   |
| Iron       | 54-2  | 5523    | 4945    | 4901    | 5123    | 6.78   | cps   |
| Iron       | 56-2  | 80990   | 81482   | 81946   | 81472   | 0.59   | cps   |
| Iron       | 57-2  | 1922    | 2195    | 2139    | 2085    | 6.90   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3886    | 4134    | 3971    | 3997    | 3.15   | cps   |
| Lead       | 206-1 | 4101    | 4212    | 4395    | 4236    | 3.51   | cps   |
| Lead       | 207-1 | 3778    | 3806    | 3895    | 3827    | 1.59   | cps   |
| Lead       | 208-1 | 17194   | 17077   | 17549   | 17273   | 1.42   | cps   |
| Lithium    | 6-1   | 3942427 | 3289345 | 3635621 | 3622464 | 9.02   | cps   |
| Magnesium  | 24-2  | 79853   | 76904   | 76460   | 77739   | 2.37   | cps   |
| Manganese  | 55-2  | 1060    | 1233    | 1120    | 1138    | 7.74   | cps   |
| Molybdenum | 94-1  | 13265   | 12956   | 12448   | 12890   | 3.20   | cps   |
| Molybdenum | 95-1  | 15351   | 15843   | 15526   | 15573   | 1.60   | cps   |
| Molybdenum | 96-1  | 18371   | 17987   | 17653   | 18004   | 1.99   | cps   |
| Molybdenum | 97-1  | 9562    | 10179   | 9779    | 9840    | 3.18   | cps   |
| Molybdenum | 98-1  | 25190   | 24906   | 25174   | 25090   | 0.63   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 880     | 837     | 797     | 838     | 4.97   | cps   |
| Phosphorus | 31-2  | 217     | 167     | 208     | 197     | 13.58  | cps   |
| Potassium  | 39-2  | 90156   | 88622   | 86584   | 88454   | 2.03   | cps   |
| Rhodium    | 103-1 | 6295049 | 5268070 | 5557840 | 5706987 | 9.28   | cps   |
| Rhodium    | 103-2 | 2777030 | 2699878 | 2778640 | 2751849 | 1.64   | cps   |
| Scandium   | 45-1  | 4970070 | 4094248 | 4388654 | 4484324 | 9.94   | cps   |
| Scandium   | 45-2  | 183156  | 181359  | 181233  | 181916  | 0.59   | cps   |
| Selenium   | 82-1  | 625     | 513     | 656     | 598     | 12.64  | cps   |
| Selenium   | 77-2  | 13      | 37      | 10      | 20      | 72.66  | cps   |
| Selenium   | 78-2  | 221     | 242     | 224     | 229     | 4.96   | cps   |
| Silicon    | 28-1  | 489603  | 507166  | 489084  | 495284  | 2.08   | cps   |
| Silver     | 107-1 | 7619    | 8269    | 8294    | 8061    | 4.75   | cps   |
| Silver     | 109-1 | 7652    | 8344    | 7952    | 7983    | 4.35   | cps   |
| Sodium     | 23-2  | 149201  | 150202  | 150236  | 149880  | 0.39   | cps   |
| Strontium  | 86-1  | 8486    | 8561    | 8661    | 8569    | 1.03   | cps   |
| Strontium  | 88-1  | 18179   | 19364   | 18412   | 18652   | 3.37   | cps   |
| Sulfur     | 34-1  | 240735  | 239116  | 239183  | 239678  | 0.38   | cps   |
| Terbium    | 159-1 | 7470304 | 6329881 | 6725133 | 6841773 | 8.46   | cps   |
| Terbium    | 159-2 | 3097420 | 3086069 | 3044225 | 3075905 | 0.91   | cps   |
| Thallium   | 203-1 | 4809    | 5493    | 5026    | 5109    | 6.84   | cps   |
| Thallium   | 205-1 | 12373   | 12465   | 11872   | 12237   | 2.61   | cps   |
| Tin        | 118-1 | 25257   | 24865   | 24898   | 25007   | 0.87   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:25:16 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | CPS1     | CPS2    | CPS3    | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|---------|---------|----------|--------|-------|
| Titanium  | 47-1  | 5593     | 5601    | 5576    | 5590     | 0.23   | cps   |
| Uranium   | 238-1 | 13574    | 13958   | 14484   | 14005    | 3.26   | cps   |
| Vanadium  | 51-2  | 7685     | 7292    | 7695    | 7558     | 3.05   | cps   |
| Ytterbium | 172-1 | 33       | 8       | 33      | 25       | 57.74  | cps   |
| Ytterbium | 172-2 | 39       | 22      | 17      | 26       | 44.60  | cps   |
| Ytterbium | 176-1 | 1008     | 808     | 1083    | 967      | 14.71  | cps   |
| Ytterbium | 176-2 | 3362     | 3701    | 3489    | 3517     | 4.87   | cps   |
| Yttrium   | 89-1  | 11506299 | 9443021 | 9933734 | 10294352 | 10.47  | cps   |
| Yttrium   | 89-2  | 1537808  | 1515166 | 1534122 | 1529032  | 0.79   | cps   |
| Zinc      | 66-2  | 817      | 813     | 707     | 779      | 8.03   | cps   |
| Zirconium | 90-1  | 11572    | 11297   | 10846   | 11238    | 3.26   | cps   |
| Zirconium | 91-1  | 2417     | 2409    | 2317    | 2381     | 2.33   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67498   | 66040   | 66660   | 66733   | 1.10   | cps   |
| Antimony   | 121-1 | 276102  | 273670  | 273865  | 274546  | 0.49   | cps   |
| Arsenic    | 75-2  | 10630   | 10646   | 10711   | 10662   | 0.40   | cps   |
| Barium     | 135-1 | 368126  | 358039  | 371439  | 365868  | 1.91   | cps   |
| Barium     | 137-1 | 636833  | 633884  | 651492  | 640737  | 1.47   | cps   |
| Beryllium  | 9-1   | 133493  | 133287  | 135492  | 134091  | 0.91   | cps   |
| Bismuth    | 209-1 | 4433910 | 4315352 | 4547210 | 4432157 | 2.62   | cps   |
| Bismuth    | 209-2 | 2151425 | 2120119 | 2179738 | 2150427 | 1.39   | cps   |
| Boron      | 10-1  | 30756   | 31910   | 33215   | 31961   | 3.85   | cps   |
| Boron      | 11-1  | 130990  | 142090  | 143889  | 138990  | 5.03   | cps   |
| Bromine    | 81-1  | 41084   | 37349   | 37279   | 38571   | 5.64   | cps   |
| Cadmium    | 111-1 | 82905   | 83428   | 83775   | 83370   | 0.53   | cps   |
| Cadmium    | 106-1 | 13657   | 13048   | 13090   | 13265   | 2.56   | cps   |
| Cadmium    | 108-1 | 6443    | 6702    | 6602    | 6582    | 1.98   | cps   |
| Calcium    | 43-1  | 123690  | 125904  | 125110  | 124901  | 0.90   | cps   |
| Calcium    | 44-1  | 2050276 | 1995728 | 2028093 | 2024699 | 1.35   | cps   |
| Carbon     | 12-1  | 6014250 | 5902371 | 5886363 | 5934328 | 1.17   | cps   |
| Carbon     | 12-2  | 64341   | 65337   | 65312   | 64997   | 0.87   | cps   |
| Chlorine   | 35-1  | 168347  | 166342  | 165699  | 166796  | 0.83   | cps   |
| Chlorine   | 35-2  | 1700    | 1792    | 1525    | 1672    | 8.10   | cps   |
| Chromium   | 52-2  | 97177   | 98520   | 98497   | 98065   | 0.78   | cps   |
| Cobalt     | 59-2  | 167120  | 162794  | 163696  | 164537  | 1.39   | cps   |
| Copper     | 63-2  | 1213570 | 1218936 | 1201350 | 1211285 | 0.74   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Dysprosium | 156-2 | 7       | 13      | 17      | 12      | 41.65  | cps   |
| Erbium     | 164-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Erbium     | 164-2 | 20      | 10      | 17      | 16      | 32.73  | cps   |
| Gadolinium | 160-1 | 50      | 117     | 142     | 103     | 46.11  | cps   |
| Gadolinium | 160-2 | 53      | 63      | 70      | 62      | 13.48  | cps   |
| Holmium    | 165-1 | 7376029 | 7523987 | 7277523 | 7392513 | 1.68   | cps   |
| Holmium    | 165-2 | 3121462 | 3101069 | 3167013 | 3129848 | 1.08   | cps   |
| Indium     | 115-1 | 6742914 | 6691884 | 6740389 | 6725062 | 0.43   | cps   |
| Indium     | 115-2 | 1223835 | 1217372 | 1212214 | 1217807 | 0.48   | cps   |
| Iron       | 54-2  | 232574  | 228570  | 229517  | 230220  | 0.91   | cps   |
| Iron       | 56-2  | 4422176 | 4249239 | 4291033 | 4320816 | 2.09   | cps   |
| Iron       | 57-2  | 105684  | 102500  | 101364  | 103182  | 2.17   | cps   |



|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4020    | 3914    | 3974    | 3969    | 1.34   | cps   |
| Lead       | 206-1 | 971827  | 980467  | 1008028 | 986774  | 1.92   | cps   |
| Lead       | 207-1 | 855866  | 857588  | 904430  | 872628  | 3.16   | cps   |
| Lead       | 208-1 | 4171892 | 4117783 | 4295523 | 4195066 | 2.17   | cps   |
| Lithium    | 6-1   | 4255827 | 4175010 | 4096289 | 4175709 | 1.91   | cps   |
| Magnesium  | 24-2  | 841787  | 838079  | 821153  | 833673  | 1.32   | cps   |
| Manganese  | 55-2  | 578826  | 584251  | 588859  | 583978  | 0.86   | cps   |
| Molybdenum | 94-1  | 1143190 | 1151237 | 1140500 | 1144976 | 0.49   | cps   |
| Molybdenum | 95-1  | 1677120 | 1652336 | 1679952 | 1669803 | 0.91   | cps   |
| Molybdenum | 96-1  | 1844375 | 1833487 | 1848969 | 1842277 | 0.43   | cps   |
| Molybdenum | 97-1  | 1010000 | 1013752 | 1024238 | 1015996 | 0.73   | cps   |
| Molybdenum | 98-1  | 2736806 | 2684906 | 2729902 | 2717205 | 1.04   | cps   |
| Neodymium  | 150-1 | 73      | 33      | 33      | 47      | 49.50  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 43015   | 43764   | 43724   | 43501   | 0.97   | cps   |
| Phosphorus | 31-2  | 3751    | 4134    | 4184    | 4023    | 5.89   | cps   |
| Potassium  | 39-2  | 397961  | 389596  | 392319  | 393292  | 1.08   | cps   |
| Rhodium    | 103-1 | 6588276 | 6552230 | 6513292 | 6551266 | 0.57   | cps   |
| Rhodium    | 103-2 | 2769399 | 2718641 | 2792222 | 2760087 | 1.36   | cps   |
| Scandium   | 45-1  | 5111484 | 5000497 | 5108466 | 5073482 | 1.25   | cps   |
| Scandium   | 45-2  | 187977  | 184290  | 188252  | 186839  | 1.18   | cps   |
| Selenium   | 82-1  | 7368    | 7558    | 7608    | 7512    | 1.69   | cps   |
| Selenium   | 77-2  | 310     | 277     | 317     | 301     | 7.12   | cps   |
| Selenium   | 78-2  | 1111    | 1074    | 1029    | 1071    | 3.83   | cps   |
| Silicon    | 28-1  | 2931952 | 3009323 | 3033849 | 2991708 | 1.78   | cps   |
| Silver     | 107-1 | 428326  | 434243  | 429742  | 430770  | 0.72   | cps   |
| Silver     | 109-1 | 413169  | 413895  | 425887  | 417650  | 1.71   | cps   |
| Sodium     | 23-2  | 1531001 | 1596251 | 1591448 | 1572900 | 2.31   | cps   |
| Strontium  | 86-1  | 122434  | 121669  | 121762  | 121955  | 0.34   | cps   |
| Strontium  | 88-1  | 989930  | 995489  | 990999  | 992139  | 0.30   | cps   |
| Sulfur     | 34-1  | 286065  | 289440  | 288675  | 288060  | 0.61   | cps   |
| Terbium    | 159-1 | 7850089 | 7600078 | 7832736 | 7760968 | 1.80   | cps   |
| Terbium    | 159-2 | 3178279 | 3240799 | 3063478 | 3160852 | 2.85   | cps   |
| Thallium   | 203-1 | 254091  | 258512  | 246882  | 253162  | 2.32   | cps   |
| Thallium   | 205-1 | 593198  | 608342  | 590014  | 597185  | 1.64   | cps   |
| Tin        | 118-1 | 262136  | 261779  | 261159  | 261691  | 0.19   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:28:19 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 564322   | 564843   | 563432   | 564199   | 0.13   | cps   |
| Uranium   | 238-1 | 747183   | 759525   | 726650   | 744453   | 2.23   | cps   |
| Vanadium  | 51-2  | 81849    | 80468    | 79078    | 80465    | 1.72   | cps   |
| Ytterbium | 172-1 | 50       | 17       | 42       | 36       | 48.03  | cps   |
| Ytterbium | 172-2 | 39       | 28       | 11       | 26       | 53.93  | cps   |
| Ytterbium | 176-1 | 1925     | 2142     | 2050     | 2039     | 5.34   | cps   |
| Ytterbium | 176-2 | 3984     | 4190     | 3967     | 4047     | 3.06   | cps   |
| Yttrium   | 89-1  | 11718351 | 11473192 | 11530016 | 11573853 | 1.11   | cps   |
| Yttrium   | 89-2  | 1533936  | 1540568  | 1558641  | 1544381  | 0.83   | cps   |
| Zinc      | 66-2  | 173622   | 169925   | 174876   | 172808   | 1.49   | cps   |
| Zirconium | 90-1  | 591679   | 604506   | 597049   | 597745   | 1.08   | cps   |
| Zirconium | 91-1  | 130861   | 132966   | 130274   | 131367   | 1.08   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 166609   | 166774   | 166597   | 166660   | 0.06   | cps   |
| Antimony   | 121-1 | 690515   | 685392   | 692652   | 689520   | 0.54   | cps   |
| Arsenic    | 75-2  | 26637    | 26191    | 25695    | 26174    | 1.80   | cps   |
| Barium     | 135-1 | 943580   | 937048   | 945806   | 942145   | 0.48   | cps   |
| Barium     | 137-1 | 1701562  | 1658463  | 1652634  | 1670887  | 1.60   | cps   |
| Beryllium  | 9-1   | 339573   | 345007   | 342324   | 342302   | 0.79   | cps   |
| Bismuth    | 209-1 | 4132727  | 4477533  | 4632718  | 4414326  | 5.80   | cps   |
| Bismuth    | 209-2 | 2120170  | 2168183  | 2082327  | 2123560  | 2.03   | cps   |
| Boron      | 10-1  | 72120    | 77098    | 80326    | 76515    | 5.40   | cps   |
| Boron      | 11-1  | 324210   | 331563   | 348480   | 334751   | 3.72   | cps   |
| Bromine    | 81-1  | 39567    | 38212    | 38784    | 38854    | 1.75   | cps   |
| Cadmium    | 111-1 | 201839   | 206502   | 206685   | 205009   | 1.34   | cps   |
| Cadmium    | 106-1 | 27161    | 27194    | 26911    | 27088    | 0.57   | cps   |
| Cadmium    | 108-1 | 16389    | 16977    | 16602    | 16656    | 1.79   | cps   |
| Calcium    | 43-1  | 310787   | 318121   | 314217   | 314375   | 1.17   | cps   |
| Calcium    | 44-1  | 5173765  | 4969310  | 4986895  | 5043323  | 2.25   | cps   |
| Carbon     | 12-1  | 6538626  | 6559157  | 6512678  | 6536820  | 0.36   | cps   |
| Carbon     | 12-2  | 74288    | 76156    | 72898    | 74447    | 2.20   | cps   |
| Chlorine   | 35-1  | 180803   | 180845   | 180339   | 180662   | 0.16   | cps   |
| Chlorine   | 35-2  | 1792     | 1859     | 1817     | 1822     | 1.85   | cps   |
| Chromium   | 52-2  | 245360   | 242634   | 241680   | 243225   | 0.79   | cps   |
| Cobalt     | 59-2  | 414902   | 407448   | 404576   | 408975   | 1.30   | cps   |
| Copper     | 63-2  | 3171615  | 3101661  | 3131617  | 3134964  | 1.12   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 83       | 69       | 24.98  | cps   |
| Dysprosium | 156-2 | 30       | 17       | 23       | 23       | 28.56  | cps   |
| Erbium     | 164-1 | 58       | 50       | 58       | 56       | 8.66   | cps   |
| Erbium     | 164-2 | 13       | 20       | 27       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 50       | 108      | 125      | 94       | 41.70  | cps   |
| Gadolinium | 160-2 | 60       | 60       | 63       | 61       | 3.15   | cps   |
| Holmium    | 165-1 | 7004162  | 7422135  | 7241998  | 7222765  | 2.90   | cps   |
| Holmium    | 165-2 | 3277491  | 3162894  | 3145475  | 3195287  | 2.24   | cps   |
| Indium     | 115-1 | 6383641  | 6932226  | 6965863  | 6760577  | 4.83   | cps   |
| Indium     | 115-2 | 1209039  | 1193371  | 1183108  | 1195173  | 1.09   | cps   |
| Iron       | 54-2  | 571169   | 566697   | 558582   | 565482   | 1.13   | cps   |
| Iron       | 56-2  | 10529001 | 10515612 | 10590622 | 10545078 | 0.38   | cps   |
| Iron       | 57-2  | 254086   | 252539   | 253167   | 253264   | 0.31   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 4091     | 3846     | 3834     | 3924     | 3.70   | cps   |
| Lead       | 206-1 | 2814813  | 2798260  | 2742878  | 2785317  | 1.35   | cps   |
| Lead       | 207-1 | 2362508  | 2436585  | 2390726  | 2396606  | 1.56   | cps   |
| Lead       | 208-1 | 10800061 | 11191437 | 11028159 | 11006553 | 1.79   | cps   |
| Lithium    | 6-1   | 4139254  | 4145796  | 4223066  | 4169372  | 1.12   | cps   |
| Magnesium  | 24-2  | 2203586  | 2127074  | 2082215  | 2137625  | 2.87   | cps   |
| Manganese  | 55-2  | 1503695  | 1498329  | 1557446  | 1519823  | 2.15   | cps   |
| Molybdenum | 94-1  | 2927981  | 2908865  | 2867366  | 2901404  | 1.07   | cps   |
| Molybdenum | 95-1  | 4207993  | 4169859  | 4124347  | 4167400  | 1.00   | cps   |
| Molybdenum | 96-1  | 4566397  | 4515447  | 4540217  | 4540687  | 0.56   | cps   |
| Molybdenum | 97-1  | 2584576  | 2588497  | 2508917  | 2560663  | 1.75   | cps   |
| Molybdenum | 98-1  | 6578194  | 6600416  | 6477839  | 6552150  | 1.00   | cps   |
| Neodymium  | 150-1 | 113      | 60       | 80       | 84       | 31.91  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 108530   | 107342   | 104696   | 106856   | 1.84   | cps   |
| Phosphorus | 31-2  | 9870     | 9687     | 9203     | 9587     | 3.59   | cps   |
| Potassium  | 39-2  | 952430   | 933604   | 929711   | 938581   | 1.29   | cps   |
| Rhodium    | 103-1 | 6034907  | 6354869  | 6239817  | 6209864  | 2.61   | cps   |
| Rhodium    | 103-2 | 2704113  | 2696010  | 2714265  | 2704796  | 0.34   | cps   |
| Scandium   | 45-1  | 4939418  | 5103526  | 5035991  | 5026312  | 1.64   | cps   |
| Scandium   | 45-2  | 183394   | 183722   | 184341   | 183819   | 0.26   | cps   |
| Selenium   | 82-1  | 18138    | 18584    | 18626    | 18450    | 1.46   | cps   |
| Selenium   | 77-2  | 650      | 687      | 737      | 691      | 6.30   | cps   |
| Selenium   | 78-2  | 2405     | 2513     | 2424     | 2448     | 2.36   | cps   |
| Silicon    | 28-1  | 5967508  | 6040136  | 5855315  | 5954320  | 1.56   | cps   |
| Silver     | 107-1 | 1104958  | 1137061  | 1117362  | 1119793  | 1.45   | cps   |
| Silver     | 109-1 | 1024030  | 1017068  | 1040672  | 1027257  | 1.18   | cps   |
| Sodium     | 23-2  | 4004814  | 3875634  | 3784256  | 3888235  | 2.85   | cps   |
| Strontium  | 86-1  | 298715   | 294912   | 291447   | 295025   | 1.23   | cps   |
| Strontium  | 88-1  | 2576384  | 2523842  | 2518353  | 2539526  | 1.26   | cps   |
| Sulfur     | 34-1  | 354142   | 359329   | 359201   | 357558   | 0.83   | cps   |
| Terbium    | 159-1 | 7590233  | 8071341  | 7990108  | 7883894  | 3.27   | cps   |
| Terbium    | 159-2 | 3242678  | 3109227  | 3177732  | 3176546  | 2.10   | cps   |
| Thallium   | 203-1 | 654410   | 670032   | 663106   | 662516   | 1.18   | cps   |
| Thallium   | 205-1 | 1573280  | 1556695  | 1525980  | 1551985  | 1.55   | cps   |
| Tin        | 118-1 | 666445   | 670936   | 662996   | 666792   | 0.60   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:31:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1467200  | 1380668  | 1404181  | 1417350  | 3.16   | cps   |
| Uranium   | 238-1 | 2023905  | 2014902  | 2118492  | 2052433  | 2.80   | cps   |
| Vanadium  | 51-2  | 204433   | 200192   | 197235   | 200620   | 1.80   | cps   |
| Ytterbium | 172-1 | 58       | 58       | 25       | 47       | 40.76  | cps   |
| Ytterbium | 172-2 | 28       | 28       | 22       | 26       | 12.38  | cps   |
| Ytterbium | 176-1 | 3601     | 3884     | 3392     | 3626     | 6.81   | cps   |
| Ytterbium | 176-2 | 4479     | 4662     | 4779     | 4640     | 3.26   | cps   |
| Yttrium   | 89-1  | 10942924 | 11733022 | 11348392 | 11341446 | 3.48   | cps   |
| Yttrium   | 89-2  | 1520955  | 1527268  | 1571347  | 1539857  | 1.78   | cps   |
| Zinc      | 66-2  | 436778   | 432924   | 437350   | 435684   | 0.55   | cps   |
| Zirconium | 90-1  | 1553584  | 1557084  | 1514644  | 1541770  | 1.53   | cps   |
| Zirconium | 91-1  | 331245   | 332024   | 329686   | 330985   | 0.36   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P8  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 13:34:29 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 333593   | 332080   | 332744   | 332806   | 0.23   | cps   |
| Antimony   | 121-1 | 1424839  | 1402250  | 1409956  | 1412348  | 0.81   | cps   |
| Arsenic    | 75-2  | 52013    | 51698    | 50712    | 51475    | 1.32   | cps   |
| Barium     | 135-1 | 2025022  | 2012025  | 1975380  | 2004143  | 1.28   | cps   |
| Barium     | 137-1 | 3455637  | 3451211  | 3366665  | 3424505  | 1.46   | cps   |
| Beryllium  | 9-1   | 701396   | 694217   | 696209   | 697274   | 0.53   | cps   |
| Bismuth    | 209-1 | 4532473  | 4426092  | 4601095  | 4519887  | 1.95   | cps   |
| Bismuth    | 209-2 | 2084708  | 2088883  | 2130586  | 2101392  | 1.21   | cps   |
| Boron      | 10-1  | 154505   | 165711   | 167916   | 162711   | 4.42   | cps   |
| Boron      | 11-1  | 672828   | 714524   | 731558   | 706303   | 4.28   | cps   |
| Bromine    | 81-1  | 39527    | 35834    | 36997    | 37453    | 5.04   | cps   |
| Cadmium    | 111-1 | 407805   | 404342   | 418363   | 410170   | 1.78   | cps   |
| Cadmium    | 106-1 | 51347    | 52928    | 51380    | 51885    | 1.74   | cps   |
| Cadmium    | 108-1 | 34071    | 33453    | 32451    | 33325    | 2.45   | cps   |
| Calcium    | 43-1  | 642577   | 634182   | 630183   | 635647   | 1.00   | cps   |
| Calcium    | 44-1  | 10248757 | 9980531  | 9985199  | 10071496 | 1.52   | cps   |
| Carbon     | 12-1  | 6766825  | 6665309  | 6739486  | 6723873  | 0.78   | cps   |
| Carbon     | 12-2  | 76643    | 74758    | 74254    | 75218    | 1.67   | cps   |
| Chlorine   | 35-1  | 161378   | 160080   | 165042   | 162167   | 1.59   | cps   |
| Chlorine   | 35-2  | 1492     | 1725     | 1525     | 1581     | 7.99   | cps   |
| Chromium   | 52-2  | 471991   | 479824   | 477406   | 476407   | 0.84   | cps   |
| Cobalt     | 59-2  | 808180   | 804093   | 798505   | 803593   | 0.60   | cps   |
| Copper     | 63-2  | 6008525  | 5990037  | 6019141  | 6005901  | 0.25   | cps   |
| Dysprosium | 156-1 | 92       | 117      | 142      | 117      | 21.43  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 40       | 43       | 13.32  | cps   |
| Erbium     | 164-1 | 50       | 92       | 100      | 81       | 33.25  | cps   |
| Erbium     | 164-2 | 43       | 17       | 20       | 27       | 54.47  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 100      | 97       | 4.95   | cps   |
| Gadolinium | 160-2 | 67       | 63       | 83       | 71       | 15.07  | cps   |
| Holmium    | 165-1 | 7578902  | 7485442  | 7639261  | 7567868  | 1.02   | cps   |
| Holmium    | 165-2 | 3164593  | 3139084  | 3152900  | 3152192  | 0.41   | cps   |
| Indium     | 115-1 | 6557313  | 6768654  | 6802770  | 6709579  | 1.98   | cps   |
| Indium     | 115-2 | 1188386  | 1140366  | 1173556  | 1167436  | 2.11   | cps   |
| Iron       | 54-2  | 1128706  | 1119907  | 1108753  | 1119122  | 0.89   | cps   |
| Iron       | 56-2  | 20956632 | 20855567 | 20759200 | 20857133 | 0.47   | cps   |
| Iron       | 57-2  | 503480   | 506169   | 505892   | 505180   | 0.29   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:34:29 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3984     | 3839     | 3969     | 3930     | 2.03   | cps   |
| Lead       | 206-1 | 5815086  | 5808489  | 5578417  | 5733997  | 2.35   | cps   |
| Lead       | 207-1 | 4766283  | 4964356  | 4974043  | 4901561  | 2.39   | cps   |
| Lead       | 208-1 | 22257433 | 22852819 | 22871813 | 22660688 | 1.54   | cps   |
| Lithium    | 6-1   | 4342560  | 4193758  | 4211965  | 4249428  | 1.91   | cps   |
| Magnesium  | 24-2  | 4325263  | 4311456  | 4277819  | 4304846  | 0.57   | cps   |
| Manganese  | 55-2  | 3032919  | 2996724  | 3005951  | 3011865  | 0.62   | cps   |
| Molybdenum | 94-1  | 5841577  | 5758214  | 5857492  | 5819094  | 0.92   | cps   |
| Molybdenum | 95-1  | 8466799  | 8670002  | 8458905  | 8531902  | 1.40   | cps   |
| Molybdenum | 96-1  | 9357782  | 9307740  | 9092341  | 9252621  | 1.52   | cps   |
| Molybdenum | 97-1  | 5255262  | 5186726  | 5151369  | 5197786  | 1.02   | cps   |
| Molybdenum | 98-1  | 13540676 | 13655342 | 13399092 | 13531703 | 0.95   | cps   |
| Neodymium  | 150-1 | 113      | 173      | 167      | 151      | 21.76  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 17       | 16       | 12.40  | cps   |
| Nickel     | 60-2  | 210086   | 211278   | 205648   | 209004   | 1.42   | cps   |
| Phosphorus | 31-2  | 19372    | 19464    | 19697    | 19511    | 0.86   | cps   |
| Potassium  | 39-2  | 1914659  | 1937066  | 1856918  | 1902881  | 2.17   | cps   |
| Rhodium    | 103-1 | 6324386  | 6347286  | 6336503  | 6336058  | 0.18   | cps   |
| Rhodium    | 103-2 | 2689096  | 2638618  | 2679960  | 2669224  | 1.01   | cps   |
| Scandium   | 45-1  | 5080397  | 5073380  | 5118866  | 5090881  | 0.48   | cps   |
| Scandium   | 45-2  | 179026   | 177935   | 182818   | 179927   | 1.42   | cps   |
| Selenium   | 82-1  | 37007    | 37683    | 36227    | 36972    | 1.97   | cps   |
| Selenium   | 77-2  | 1387     | 1510     | 1497     | 1465     | 4.62   | cps   |
| Selenium   | 78-2  | 4738     | 4668     | 4660     | 4689     | 0.92   | cps   |
| Silicon    | 28-1  | 12203000 | 12356295 | 12566341 | 12375212 | 1.47   | cps   |
| Silver     | 107-1 | 2316228  | 2315967  | 2310322  | 2314172  | 0.14   | cps   |
| Silver     | 109-1 | 2225893  | 2166492  | 2152962  | 2181782  | 1.78   | cps   |
| Sodium     | 23-2  | 7930755  | 7788582  | 7871319  | 7863552  | 0.91   | cps   |
| Strontium  | 86-1  | 598842   | 584921   | 585081   | 589615   | 1.36   | cps   |
| Strontium  | 88-1  | 5052434  | 5080570  | 5051201  | 5061402  | 0.33   | cps   |
| Sulfur     | 34-1  | 472505   | 478417   | 479171   | 476698   | 0.77   | cps   |
| Terbium    | 159-1 | 7918630  | 7965466  | 8076037  | 7986711  | 1.01   | cps   |
| Terbium    | 159-2 | 3306147  | 3061014  | 3195031  | 3187397  | 3.85   | cps   |
| Thallium   | 203-1 | 1345048  | 1318648  | 1333296  | 1332331  | 0.99   | cps   |
| Thallium   | 205-1 | 3377294  | 3386931  | 3222527  | 3328917  | 2.77   | cps   |
| Tin        | 118-1 | 1354567  | 1332714  | 1365799  | 1351027  | 1.25   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:34:29 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2796643  | 2903304  | 2778495  | 2826147  | 2.39   | cps   |
| Uranium   | 238-1 | 4161877  | 4007450  | 4035548  | 4068292  | 2.02   | cps   |
| Vanadium  | 51-2  | 402164   | 397159   | 392070   | 397131   | 1.27   | cps   |
| Ytterbium | 172-1 | 67       | 58       | 58       | 61       | 7.87   | cps   |
| Ytterbium | 172-2 | 28       | 22       | 22       | 24       | 13.33  | cps   |
| Ytterbium | 176-1 | 6335     | 6243     | 6493     | 6357     | 1.99   | cps   |
| Ytterbium | 176-2 | 5868     | 5579     | 5957     | 5801     | 3.41   | cps   |
| Yttrium   | 89-1  | 11606642 | 11563371 | 11516644 | 11562219 | 0.39   | cps   |
| Yttrium   | 89-2  | 1518070  | 1497155  | 1484284  | 1499837  | 1.14   | cps   |
| Zinc      | 66-2  | 833192   | 846324   | 835463   | 838326   | 0.84   | cps   |
| Zirconium | 90-1  | 3071681  | 3072251  | 3018151  | 3054028  | 1.02   | cps   |
| Zirconium | 91-1  | 663068   | 672883   | 673895   | 669948   | 0.89   | cps   |



LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P8  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 13:37:34 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 655363   | 653064   | 643245   | 650557   | 0.99   | cps   |
| Antimony   | 121-1 | 2824177  | 2775297  | 2814394  | 2804623  | 0.92   | cps   |
| Arsenic    | 75-2  | 98831    | 98706    | 98436    | 98658    | 0.20   | cps   |
| Barium     | 135-1 | 3909918  | 3848336  | 3861313  | 3873189  | 0.84   | cps   |
| Barium     | 137-1 | 6750474  | 6543438  | 6662674  | 6652195  | 1.56   | cps   |
| Beryllium  | 9-1   | 1372795  | 1322158  | 1380958  | 1358637  | 2.34   | cps   |
| Bismuth    | 209-1 | 4749438  | 4369628  | 4652204  | 4590423  | 4.30   | cps   |
| Bismuth    | 209-2 | 2094754  | 2133087  | 2069830  | 2099224  | 1.52   | cps   |
| Boron      | 10-1  | 324170   | 345622   | 358036   | 342609   | 5.00   | cps   |
| Boron      | 11-1  | 1364964  | 1404025  | 1488518  | 1419169  | 4.45   | cps   |
| Bromine    | 81-1  | 35271    | 34599    | 34469    | 34780    | 1.24   | cps   |
| Cadmium    | 111-1 | 784614   | 813490   | 794606   | 797570   | 1.84   | cps   |
| Cadmium    | 106-1 | 96632    | 97353    | 94424    | 96136    | 1.59   | cps   |
| Cadmium    | 108-1 | 64906    | 63337    | 65020    | 64421    | 1.46   | cps   |
| Calcium    | 43-1  | 1228629  | 1211468  | 1276066  | 1238721  | 2.70   | cps   |
| Calcium    | 44-1  | 19369613 | 19438065 | 20188900 | 19665526 | 2.31   | cps   |
| Carbon     | 12-1  | 7317996  | 7408417  | 7326586  | 7350999  | 0.68   | cps   |
| Carbon     | 12-2  | 85769    | 81611    | 84560    | 83980    | 2.55   | cps   |
| Chlorine   | 35-1  | 145636   | 146293   | 147396   | 146441   | 0.61   | cps   |
| Chlorine   | 35-2  | 1600     | 1342     | 1125     | 1356     | 17.54  | cps   |
| Chromium   | 52-2  | 932436   | 932336   | 907524   | 924099   | 1.55   | cps   |
| Cobalt     | 59-2  | 1662059  | 1622813  | 1622799  | 1635890  | 1.39   | cps   |
| Copper     | 63-2  | 11822964 | 11633101 | 11662258 | 11706108 | 0.87   | cps   |
| Dysprosium | 156-1 | 267      | 183      | 150      | 200      | 30.05  | cps   |
| Dysprosium | 156-2 | 80       | 73       | 60       | 71       | 14.32  | cps   |
| Erbium     | 164-1 | 150      | 75       | 108      | 111      | 33.82  | cps   |
| Erbium     | 164-2 | 53       | 37       | 33       | 41       | 26.06  | cps   |
| Gadolinium | 160-1 | 208      | 150      | 183      | 181      | 16.21  | cps   |
| Gadolinium | 160-2 | 110      | 103      | 93       | 102      | 8.21   | cps   |
| Holmium    | 165-1 | 7720385  | 7535871  | 7808328  | 7688194  | 1.81   | cps   |
| Holmium    | 165-2 | 3239403  | 3239828  | 3181808  | 3220346  | 1.04   | cps   |
| Indium     | 115-1 | 6659970  | 6644647  | 6697395  | 6667337  | 0.41   | cps   |
| Indium     | 115-2 | 1139441  | 1147274  | 1151922  | 1146212  | 0.55   | cps   |
| Iron       | 54-2  | 2312220  | 2309876  | 2308715  | 2310270  | 0.08   | cps   |
| Iron       | 56-2  | 40207131 | 40139830 | 39843730 | 40063564 | 0.48   | cps   |
| Iron       | 57-2  | 978224   | 952543   | 973017   | 967928   | 1.40   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB121221            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-05-12 13:37:34 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3933     | 3838     | 3915     | 3895     | 1.30   | cps   |
| Lead       | 206-1 | 10938983 | 10832571 | 11206492 | 10992682 | 1.75   | cps   |
| Lead       | 207-1 | 9584635  | 9369900  | 9750602  | 9568379  | 1.99   | cps   |
| Lead       | 208-1 | 44494163 | 43046414 | 44666420 | 44068999 | 2.02   | cps   |
| Lithium    | 6-1   | 4334798  | 4394988  | 4458528  | 4396105  | 1.41   | cps   |
| Magnesium  | 24-2  | 8644464  | 8625009  | 8216815  | 8495429  | 2.84   | cps   |
| Manganese  | 55-2  | 5726023  | 5755946  | 5745029  | 5742333  | 0.26   | cps   |
| Molybdenum | 94-1  | 11449090 | 11068721 | 11391677 | 11303163 | 1.81   | cps   |
| Molybdenum | 95-1  | 16355082 | 16422457 | 16544672 | 16440737 | 0.58   | cps   |
| Molybdenum | 96-1  | 17840750 | 18082426 | 18024024 | 17982400 | 0.70   | cps   |
| Molybdenum | 97-1  | 9862724  | 10052697 | 9981119  | 9965513  | 0.96   | cps   |
| Molybdenum | 98-1  | 25825958 | 26819302 | 26496515 | 26380592 | 1.92   | cps   |
| Neodymium  | 150-1 | 307      | 213      | 227      | 249      | 20.28  | cps   |
| Neodymium  | 150-2 | 23       | 33       | 17       | 24       | 34.31  | cps   |
| Nickel     | 60-2  | 402157   | 400246   | 400818   | 401074   | 0.24   | cps   |
| Phosphorus | 31-2  | 37733    | 38861    | 37274    | 37956    | 2.15   | cps   |
| Potassium  | 39-2  | 3721698  | 3680872  | 3576018  | 3659529  | 2.05   | cps   |
| Rhodium    | 103-1 | 6149599  | 6145132  | 6202265  | 6165666  | 0.52   | cps   |
| Rhodium    | 103-2 | 2602685  | 2629656  | 2633175  | 2621839  | 0.64   | cps   |
| Scandium   | 45-1  | 5100298  | 5036749  | 5103638  | 5080229  | 0.74   | cps   |
| Scandium   | 45-2  | 179288   | 179538   | 178993   | 179273   | 0.15   | cps   |
| Selenium   | 82-1  | 70884    | 71032    | 71736    | 71217    | 0.64   | cps   |
| Selenium   | 77-2  | 2577     | 2497     | 2680     | 2585     | 3.56   | cps   |
| Selenium   | 78-2  | 8877     | 8745     | 8925     | 8849     | 1.05   | cps   |
| Silicon    | 28-1  | 25998060 | 26445403 | 25600806 | 26014756 | 1.62   | cps   |
| Silver     | 107-1 | 4483623  | 4428936  | 4431654  | 4448071  | 0.69   | cps   |
| Silver     | 109-1 | 4147988  | 4142357  | 4086119  | 4125488  | 0.83   | cps   |
| Sodium     | 23-2  | 15442481 | 15269234 | 14911602 | 15207772 | 1.78   | cps   |
| Strontium  | 86-1  | 1123515  | 1146220  | 1137621  | 1135785  | 1.01   | cps   |
| Strontium  | 88-1  | 9820250  | 10044059 | 9896639  | 9920316  | 1.15   | cps   |
| Sulfur     | 34-1  | 687140   | 695608   | 679351   | 687366   | 1.18   | cps   |
| Terbium    | 159-1 | 8114913  | 8132103  | 8032737  | 8093251  | 0.66   | cps   |
| Terbium    | 159-2 | 3065120  | 3245124  | 3254577  | 3188273  | 3.35   | cps   |
| Thallium   | 203-1 | 2747848  | 2783306  | 2812162  | 2781106  | 1.16   | cps   |
| Thallium   | 205-1 | 6313392  | 6332666  | 6351883  | 6332647  | 0.30   | cps   |
| Tin        | 118-1 | 2683117  | 2632500  | 2667107  | 2660908  | 0.97   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:37:34 | DataFile Name :   | 010CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5400258  | 5361831  | 5533425  | 5431838  | 1.66   | cps   |
| Uranium   | 238-1 | 8492492  | 8268886  | 8336512  | 8365963  | 1.37   | cps   |
| Vanadium  | 51-2  | 779957   | 769937   | 763443   | 771113   | 1.08   | cps   |
| Ytterbium | 172-1 | 67       | 133      | 108      | 103      | 32.77  | cps   |
| Ytterbium | 172-2 | 61       | 50       | 44       | 52       | 16.36  | cps   |
| Ytterbium | 176-1 | 12039    | 12398    | 11889    | 12109    | 2.16   | cps   |
| Ytterbium | 176-2 | 8003     | 8486     | 7936     | 8142     | 3.69   | cps   |
| Yttrium   | 89-1  | 11518191 | 11706986 | 11373769 | 11532982 | 1.45   | cps   |
| Yttrium   | 89-2  | 1456986  | 1496612  | 1498335  | 1483978  | 1.58   | cps   |
| Zinc      | 66-2  | 1698158  | 1679333  | 1703910  | 1693800  | 0.76   | cps   |
| Zirconium | 90-1  | 5847677  | 5924504  | 5863482  | 5878554  | 0.69   | cps   |
| Zirconium | 91-1  | 1286886  | 1293319  | 1309725  | 1296643  | 0.91   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 13:40:38 DataFile Name : 011CALS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1405573  | 1394365  | 1376408  | 1392115  | 1.06   | cps   |
| Antimony   | 121-1 | 5609835  | 5624151  | 5736910  | 5656965  | 1.23   | cps   |
| Arsenic    | 75-2  | 199922   | 199414   | 197803   | 199046   | 0.56   | cps   |
| Barium     | 135-1 | 7834577  | 7714328  | 7942610  | 7830505  | 1.46   | cps   |
| Barium     | 137-1 | 13737146 | 13757736 | 13475023 | 13656635 | 1.15   | cps   |
| Beryllium  | 9-1   | 2662310  | 2688892  | 2697199  | 2682800  | 0.68   | cps   |
| Bismuth    | 209-1 | 4552194  | 4495085  | 4623825  | 4557034  | 1.42   | cps   |
| Bismuth    | 209-2 | 2045763  | 2091466  | 2042725  | 2059985  | 1.33   | cps   |
| Boron      | 10-1  | 694980   | 683236   | 736828   | 705015   | 4.00   | cps   |
| Boron      | 11-1  | 2760650  | 2800442  | 2939910  | 2833667  | 3.32   | cps   |
| Bromine    | 81-1  | 34107    | 35713    | 35583    | 35134    | 2.54   | cps   |
| Cadmium    | 111-1 | 1706409  | 1648363  | 1628064  | 1660945  | 2.45   | cps   |
| Cadmium    | 106-1 | 188192   | 182686   | 185561   | 185480   | 1.48   | cps   |
| Cadmium    | 108-1 | 124692   | 127300   | 126412   | 126135   | 1.05   | cps   |
| Calcium    | 43-1  | 2494574  | 2582563  | 2529169  | 2535435  | 1.75   | cps   |
| Calcium    | 44-1  | 39598746 | 40853047 | 40272312 | 40241369 | 1.56   | cps   |
| Carbon     | 12-1  | 7630539  | 7725230  | 7709132  | 7688301  | 0.66   | cps   |
| Carbon     | 12-2  | 91929    | 91058    | 88584    | 90524    | 1.92   | cps   |
| Chlorine   | 35-1  | 159960   | 162768   | 159397   | 160709   | 1.12   | cps   |
| Chlorine   | 35-2  | 1567     | 1575     | 1542     | 1561     | 1.11   | cps   |
| Chromium   | 52-2  | 2003897  | 1965269  | 1999878  | 1989681  | 1.07   | cps   |
| Cobalt     | 59-2  | 3248055  | 3373991  | 3188788  | 3270278  | 2.89   | cps   |
| Copper     | 63-2  | 23228741 | 22660005 | 23033805 | 22974184 | 1.26   | cps   |
| Dysprosium | 156-1 | 308      | 442      | 433      | 394      | 18.94  | cps   |
| Dysprosium | 156-2 | 153      | 153      | 150      | 152      | 1.27   | cps   |
| Erbium     | 164-1 | 108      | 133      | 142      | 128      | 13.57  | cps   |
| Erbium     | 164-2 | 53       | 57       | 53       | 54       | 3.54   | cps   |
| Gadolinium | 160-1 | 275      | 300      | 292      | 289      | 4.41   | cps   |
| Gadolinium | 160-2 | 170      | 140      | 167      | 159      | 10.35  | cps   |
| Holmium    | 165-1 | 7976670  | 7952397  | 7846059  | 7925042  | 0.88   | cps   |
| Holmium    | 165-2 | 3232162  | 3382650  | 3202811  | 3272541  | 2.95   | cps   |
| Indium     | 115-1 | 6945063  | 6702885  | 6811762  | 6819903  | 1.78   | cps   |
| Indium     | 115-2 | 1136957  | 1141147  | 1149759  | 1142621  | 0.57   | cps   |
| Iron       | 54-2  | 4657993  | 4591465  | 4561835  | 4603764  | 1.07   | cps   |
| Iron       | 56-2  | 83688671 | 81604030 | 79586171 | 81626291 | 2.51   | cps   |
| Iron       | 57-2  | 2126347  | 2150110  | 2044910  | 2107122  | 2.62   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 13:40:38 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3890     | 3864     | 3750     | 3835     | 1.94   | cps   |
| Lead       | 206-1 | 22754237 | 22340950 | 22171467 | 22422218 | 1.34   | cps   |
| Lead       | 207-1 | 19619761 | 19081757 | 19140582 | 19280700 | 1.53   | cps   |
| Lead       | 208-1 | 89077103 | 88670569 | 88901130 | 88882934 | 0.23   | cps   |
| Lithium    | 6-1   | 4665924  | 4452195  | 4487408  | 4535176  | 2.53   | cps   |
| Magnesium  | 24-2  | 17432464 | 17214096 | 16995025 | 17213862 | 1.27   | cps   |
| Manganese  | 55-2  | 11761244 | 11635960 | 11595894 | 11664366 | 0.74   | cps   |
| Molybdenum | 94-1  | 23140227 | 23815736 | 22931522 | 23295828 | 1.98   | cps   |
| Molybdenum | 95-1  | 33837280 | 34577933 | 33587404 | 34000872 | 1.52   | cps   |
| Molybdenum | 96-1  | 36916949 | 36810464 | 36805637 | 36844350 | 0.17   | cps   |
| Molybdenum | 97-1  | 20805805 | 20378819 | 20533659 | 20572761 | 1.05   | cps   |
| Molybdenum | 98-1  | 53538070 | 52562156 | 53855918 | 53318715 | 1.26   | cps   |
| Neodymium  | 150-1 | 520      | 400      | 520      | 480      | 14.43  | cps   |
| Neodymium  | 150-2 | 43       | 27       | 47       | 39       | 27.55  | cps   |
| Nickel     | 60-2  | 802841   | 803332   | 795954   | 800709   | 0.52   | cps   |
| Phosphorus | 31-2  | 75556    | 75456    | 75850    | 75621    | 0.27   | cps   |
| Potassium  | 39-2  | 7389216  | 7512177  | 7451229  | 7450874  | 0.83   | cps   |
| Rhodium    | 103-1 | 6412994  | 6096061  | 6282623  | 6263893  | 2.54   | cps   |
| Rhodium    | 103-2 | 2608128  | 2672416  | 2547621  | 2609388  | 2.39   | cps   |
| Scandium   | 45-1  | 5184787  | 5239466  | 5302103  | 5242119  | 1.12   | cps   |
| Scandium   | 45-2  | 181566   | 187325   | 184760   | 184550   | 1.56   | cps   |
| Selenium   | 82-1  | 140300   | 139764   | 139517   | 139860   | 0.29   | cps   |
| Selenium   | 77-2  | 5444     | 5048     | 5178     | 5223     | 3.87   | cps   |
| Selenium   | 78-2  | 17395    | 17589    | 17364    | 17450    | 0.70   | cps   |
| Silicon    | 28-1  | 49516000 | 49230997 | 48687148 | 49144715 | 0.86   | cps   |
| Silver     | 107-1 | 8421616  | 8495456  | 8555922  | 8490998  | 0.79   | cps   |
| Silver     | 109-1 | 8109742  | 8213646  | 8143833  | 8155740  | 0.65   | cps   |
| Sodium     | 23-2  | 32275916 | 31105781 | 30610932 | 31330876 | 2.73   | cps   |
| Strontium  | 86-1  | 2398782  | 2321811  | 2416447  | 2379013  | 2.12   | cps   |
| Strontium  | 88-1  | 20296363 | 19771699 | 20375760 | 20147941 | 1.63   | cps   |
| Sulfur     | 34-1  | 957193   | 948528   | 935736   | 947153   | 1.14   | cps   |
| Terbium    | 159-1 | 8443637  | 8065648  | 8487119  | 8332134  | 2.78   | cps   |
| Terbium    | 159-2 | 3248153  | 3273099  | 3272661  | 3264637  | 0.44   | cps   |
| Thallium   | 203-1 | 5697646  | 5525264  | 5584457  | 5602456  | 1.56   | cps   |
| Thallium   | 205-1 | 13069972 | 12600785 | 12728078 | 12799612 | 1.90   | cps   |
| Tin        | 118-1 | 5485383  | 5351221  | 5483653  | 5440086  | 1.41   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:40:38 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 11066356 | 11186187 | 11067497 | 11106680 | 0.62   | cps   |
| Uranium   | 238-1 | 16613311 | 16964536 | 17213977 | 16930608 | 1.78   | cps   |
| Vanadium  | 51-2  | 1627412  | 1640514  | 1682388  | 1650105  | 1.74   | cps   |
| Ytterbium | 172-1 | 117      | 133      | 108      | 119      | 10.66  | cps   |
| Ytterbium | 172-2 | 50       | 22       | 61       | 44       | 45.07  | cps   |
| Ytterbium | 176-1 | 24348    | 22812    | 23814    | 23658    | 3.30   | cps   |
| Ytterbium | 176-2 | 11933    | 12812    | 12740    | 12495    | 3.90   | cps   |
| Yttrium   | 89-1  | 11748597 | 11964990 | 12014200 | 11909262 | 1.19   | cps   |
| Yttrium   | 89-2  | 1476196  | 1531173  | 1510972  | 1506113  | 1.85   | cps   |
| Zinc      | 66-2  | 3244003  | 3268738  | 3211317  | 3241353  | 0.89   | cps   |
| Zirconium | 90-1  | 12002426 | 12132088 | 12033104 | 12055872 | 0.56   | cps   |
| Zirconium | 91-1  | 2713240  | 2756856  | 2716947  | 2729014  | 0.89   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6963813   | 6909559   | 6986366   | 6953246   | 0.57   | cps   |
| Antimony   | 121-1 | 4234      | 4434      | 4726      | 4465      | 5.54   | cps   |
| Arsenic    | 75-2  | 83        | 79        | 96        | 86        | 10.33  | cps   |
| Barium     | 135-1 | 3184      | 3234      | 3426      | 3281      | 3.89   | cps   |
| Barium     | 137-1 | 5626      | 5368      | 6077      | 5690      | 6.30   | cps   |
| Beryllium  | 9-1   | 320       | 346       | 414       | 360       | 13.48  | cps   |
| Bismuth    | 209-1 | 3968416   | 3991654   | 3931711   | 3963927   | 0.76   | cps   |
| Bismuth    | 209-2 | 1922960   | 1930434   | 1879713   | 1911036   | 1.43   | cps   |
| Boron      | 10-1  | 58170     | 54279     | 52667     | 55039     | 5.14   | cps   |
| Boron      | 11-1  | 252755    | 240607    | 221307    | 238223    | 6.66   | cps   |
| Bromine    | 81-1  | 37479     | 37540     | 38201     | 37740     | 1.06   | cps   |
| Cadmium    | 111-1 | 1116      | 1212      | 1153      | 1160      | 4.19   | cps   |
| Cadmium    | 106-1 | 3150      | 3117      | 3326      | 3198      | 3.50   | cps   |
| Cadmium    | 108-1 | 175       | 171       | 125       | 157       | 17.68  | cps   |
| Calcium    | 43-1  | 12482157  | 12792313  | 12409265  | 12561245  | 1.62   | cps   |
| Calcium    | 44-1  | 200402575 | 204010094 | 198752186 | 201054952 | 1.34   | cps   |
| Carbon     | 12-1  | 6836633   | 6707249   | 6594037   | 6712640   | 1.81   | cps   |
| Carbon     | 12-2  | 80320     | 82214     | 82557     | 81697     | 1.47   | cps   |
| Chlorine   | 35-1  | 153474    | 155875    | 153895    | 154415    | 0.83   | cps   |
| Chlorine   | 35-2  | 1625      | 1333      | 1583      | 1514      | 10.42  | cps   |
| Chromium   | 52-2  | 18849     | 18128     | 18756     | 18578     | 2.11   | cps   |
| Cobalt     | 59-2  | 9013      | 8656      | 8593      | 8754      | 2.59   | cps   |
| Copper     | 63-2  | 8770      | 8229      | 7742      | 8247      | 6.23   | cps   |
| Dysprosium | 156-1 | 758       | 575       | 725       | 686       | 14.23  | cps   |
| Dysprosium | 156-2 | 230       | 220       | 290       | 247       | 15.35  | cps   |
| Erbium     | 164-1 | 92        | 75        | 100       | 89        | 14.32  | cps   |
| Erbium     | 164-2 | 30        | 43        | 37        | 37        | 18.18  | cps   |
| Gadolinium | 160-1 | 567       | 450       | 467       | 494       | 12.76  | cps   |
| Gadolinium | 160-2 | 320       | 250       | 277       | 282       | 12.52  | cps   |
| Holmium    | 165-1 | 7696997   | 7591907   | 7630108   | 7639671   | 0.70   | cps   |
| Holmium    | 165-2 | 3286967   | 3123401   | 3225014   | 3211794   | 2.57   | cps   |
| Indium     | 115-1 | 6478590   | 6363512   | 6400478   | 6414193   | 0.92   | cps   |
| Indium     | 115-2 | 1160176   | 1133071   | 1139877   | 1144375   | 1.23   | cps   |
| Iron       | 54-2  | 21791138  | 22225121  | 22021152  | 22012470  | 0.99   | cps   |
| Iron       | 56-2  | 398629809 | 399789787 | 399907198 | 399442264 | 0.18   | cps   |
| Iron       | 57-2  | 9966146   | 10140953  | 9940755   | 10015951  | 1.09   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 3989      | 3854      | 3945      | 3929      | 1.75   | cps   |
| Lead       | 206-1 | 5257      | 5207      | 6335      | 5599      | 11.38  | cps   |
| Lead       | 207-1 | 4079      | 4401      | 5407      | 4629      | 14.97  | cps   |
| Lead       | 208-1 | 20496     | 20807     | 24220     | 21841     | 9.46   | cps   |
| Lithium    | 6-1   | 4134496   | 4180581   | 4215126   | 4176734   | 0.97   | cps   |
| Magnesium  | 24-2  | 81251268  | 79105629  | 80965277  | 80440725  | 1.45   | cps   |
| Manganese  | 55-2  | 6755      | 6208      | 6255      | 6406      | 4.73   | cps   |
| Molybdenum | 94-1  | 8703      | 8144      | 9003      | 8617      | 5.06   | cps   |
| Molybdenum | 95-1  | 10429     | 10012     | 11322     | 10588     | 6.32   | cps   |
| Molybdenum | 96-1  | 31094     | 29357     | 32030     | 30827     | 4.40   | cps   |
| Molybdenum | 97-1  | 6302      | 6227      | 6543      | 6357      | 2.60   | cps   |
| Molybdenum | 98-1  | 15609     | 14083     | 16460     | 15384     | 7.83   | cps   |
| Neodymium  | 150-1 | 113       | 73        | 67        | 84        | 29.89  | cps   |
| Neodymium  | 150-2 | 27        | 23        | 13        | 21        | 32.88  | cps   |
| Nickel     | 60-2  | 6872      | 6875      | 6832      | 6859      | 0.35   | cps   |
| Phosphorus | 31-2  | 183       | 133       | 200       | 172       | 20.15  | cps   |
| Potassium  | 39-2  | 36941766  | 37642979  | 37758162  | 37447636  | 1.18   | cps   |
| Rhodium    | 103-1 | 5651668   | 5716349   | 5558576   | 5642198   | 1.41   | cps   |
| Rhodium    | 103-2 | 2438893   | 2478870   | 2459897   | 2459220   | 0.81   | cps   |
| Scandium   | 45-1  | 5005774   | 5128255   | 5046012   | 5060014   | 1.23   | cps   |
| Scandium   | 45-2  | 184362    | 183170    | 184190    | 183907    | 0.35   | cps   |
| Selenium   | 82-1  | 285       | 410       | 176       | 290       | 40.27  | cps   |
| Selenium   | 77-2  | 10        | 0         | 7         | 6         | 91.64  | cps   |
| Selenium   | 78-2  | 135       | 124       | 110       | 123       | 10.19  | cps   |
| Silicon    | 28-1  | 1007805   | 876045    | 874924    | 919591    | 8.31   | cps   |
| Silver     | 107-1 | 3476      | 3034      | 2850      | 3120      | 10.30  | cps   |
| Silver     | 109-1 | 3000      | 3351      | 3409      | 3253      | 6.79   | cps   |
| Sodium     | 23-2  | 154611162 | 154743045 | 151504820 | 153619676 | 1.19   | cps   |
| Strontium  | 86-1  | 18863     | 19214     | 19689     | 19255     | 2.15   | cps   |
| Strontium  | 88-1  | 112746    | 112612    | 112487    | 112615    | 0.12   | cps   |
| Sulfur     | 34-1  | 211560    | 215423    | 217591    | 214858    | 1.42   | cps   |
| Terbium    | 159-1 | 7940479   | 7717196   | 7710995   | 7789557   | 1.68   | cps   |
| Terbium    | 159-2 | 3234156   | 3269084   | 3211984   | 3238408   | 0.89   | cps   |
| Thallium   | 203-1 | 2992      | 2617      | 2892      | 2834      | 6.85   | cps   |
| Thallium   | 205-1 | 6177      | 6493      | 6769      | 6480      | 4.57   | cps   |
| Tin        | 118-1 | 5660      | 5801      | 6452      | 5971      | 7.07   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 13:43:43 | DataFile Name :   | 012CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1892     | 2125     | 2542     | 2186     | 15.06  | cps   |
| Uranium   | 238-1 | 1158     | 1108     | 1742     | 1336     | 26.35  | cps   |
| Vanadium  | 51-2  | 490      | 390      | 417      | 432      | 11.98  | cps   |
| Ytterbium | 172-1 | 117      | 158      | 100      | 125      | 24.04  | cps   |
| Ytterbium | 172-2 | 44       | 67       | 56       | 56       | 20.00  | cps   |
| Ytterbium | 176-1 | 1192     | 1042     | 1250     | 1161     | 9.26   | cps   |
| Ytterbium | 176-2 | 3378     | 3884     | 3728     | 3664     | 7.07   | cps   |
| Yttrium   | 89-1  | 11160156 | 11175567 | 11307159 | 11214294 | 0.72   | cps   |
| Yttrium   | 89-2  | 1498336  | 1524439  | 1536556  | 1519777  | 1.29   | cps   |
| Zinc      | 66-2  | 6271     | 5635     | 5641     | 5849     | 6.25   | cps   |
| Zirconium | 90-1  | 5293     | 5201     | 5685     | 5393     | 4.76   | cps   |
| Zirconium | 91-1  | 1067     | 1150     | 1158     | 1125     | 4.51   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 34618   | 34360   | 34513   | 34497   | 0.38   | cps   |
| Antimony   | 121-1 | 1087214 | 1114277 | 1098984 | 1100158 | 1.23   | cps   |
| Arsenic    | 75-2  | 41428   | 41143   | 40864   | 41145   | 0.69   | cps   |
| Barium     | 135-1 | 150145  | 153239  | 155614  | 152999  | 1.79   | cps   |
| Barium     | 137-1 | 269157  | 271579  | 271635  | 270790  | 0.52   | cps   |
| Beryllium  | 9-1   | 273638  | 278448  | 276619  | 276235  | 0.88   | cps   |
| Bismuth    | 209-1 | 4595036 | 4792983 | 4767106 | 4718375 | 2.28   | cps   |
| Bismuth    | 209-2 | 2180590 | 2115600 | 2172093 | 2156095 | 1.64   | cps   |
| Boron      | 10-1  | 184939  | 192228  | 203847  | 193671  | 4.92   | cps   |
| Boron      | 11-1  | 785776  | 845922  | 800052  | 810583  | 3.88   | cps   |
| Bromine    | 81-1  | 37872   | 37178   | 38454   | 37835   | 1.69   | cps   |
| Cadmium    | 111-1 | 166854  | 169881  | 169551  | 168762  | 0.98   | cps   |
| Cadmium    | 106-1 | 34962   | 33959   | 34293   | 34405   | 1.48   | cps   |
| Cadmium    | 108-1 | 20445   | 21020   | 20749   | 20738   | 1.39   | cps   |
| Calcium    | 43-1  | 59804   | 59624   | 59349   | 59592   | 0.38   | cps   |
| Calcium    | 44-1  | 886934  | 878924  | 870696  | 878851  | 0.92   | cps   |
| Carbon     | 12-1  | 6831289 | 6763807 | 6780491 | 6791862 | 0.52   | cps   |
| Carbon     | 12-2  | 75570   | 74800   | 71977   | 74116   | 2.55   | cps   |
| Chlorine   | 35-1  | 153525  | 156761  | 152279  | 154188  | 1.50   | cps   |
| Chlorine   | 35-2  | 1592    | 1567    | 1575    | 1578    | 0.81   | cps   |
| Chromium   | 52-2  | 195082  | 187105  | 190591  | 190926  | 2.09   | cps   |
| Cobalt     | 59-2  | 324049  | 321503  | 315464  | 320339  | 1.38   | cps   |
| Copper     | 63-2  | 229117  | 229688  | 229813  | 229539  | 0.16   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 117     | 25      | 42      | 61      | 79.90  | cps   |
| Erbium     | 164-2 | 30      | 23      | 33      | 29      | 17.63  | cps   |
| Gadolinium | 160-1 | 83      | 75      | 75      | 78      | 6.19   | cps   |
| Gadolinium | 160-2 | 53      | 40      | 70      | 54      | 27.61  | cps   |
| Holmium    | 165-1 | 7744930 | 7872919 | 7985552 | 7867800 | 1.53   | cps   |
| Holmium    | 165-2 | 3238442 | 3217920 | 3325204 | 3260522 | 1.75   | cps   |
| Indium     | 115-1 | 6983311 | 6843350 | 7074923 | 6967195 | 1.67   | cps   |
| Indium     | 115-2 | 1174504 | 1185419 | 1197583 | 1185835 | 0.97   | cps   |
| Iron       | 54-2  | 177068  | 179291  | 177180  | 177846  | 0.70   | cps   |
| Iron       | 56-2  | 3372210 | 3248566 | 3230719 | 3283832 | 2.35   | cps   |
| Iron       | 57-2  | 81794   | 75772   | 78812   | 78793   | 3.82   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3885     | 3941     | 3978     | 3935     | 1.18   | cps   |
| Lead       | 206-1 | 889663   | 896707   | 894497   | 893622   | 0.40   | cps   |
| Lead       | 207-1 | 748251   | 755410   | 757681   | 753781   | 0.65   | cps   |
| Lead       | 208-1 | 3660716  | 3650385  | 3653782  | 3654961  | 0.14   | cps   |
| Lithium    | 6-1   | 4647656  | 4460187  | 4371138  | 4492993  | 3.14   | cps   |
| Magnesium  | 24-2  | 192950   | 187524   | 192372   | 190948   | 1.56   | cps   |
| Manganese  | 55-2  | 114140   | 111640   | 111203   | 112327   | 1.41   | cps   |
| Molybdenum | 94-1  | 12243935 | 12231573 | 11986118 | 12153875 | 1.20   | cps   |
| Molybdenum | 95-1  | 17646557 | 17703138 | 17309555 | 17553083 | 1.21   | cps   |
| Molybdenum | 96-1  | 19029266 | 19330655 | 18678417 | 19012779 | 1.72   | cps   |
| Molybdenum | 97-1  | 10635034 | 10837731 | 10698753 | 10723839 | 0.97   | cps   |
| Molybdenum | 98-1  | 27736247 | 28440561 | 27666447 | 27947752 | 1.53   | cps   |
| Neodymium  | 150-1 | 7        | 27       | 20       | 18       | 57.27  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 90859    | 87823    | 87984    | 88889    | 1.92   | cps   |
| Phosphorus | 31-2  | 100      | 142      | 92       | 111      | 24.11  | cps   |
| Potassium  | 39-2  | 309756   | 302235   | 311796   | 307929   | 1.64   | cps   |
| Rhodium    | 103-1 | 6481953  | 6664578  | 6554010  | 6566847  | 1.40   | cps   |
| Rhodium    | 103-2 | 2753804  | 2807380  | 2792485  | 2784556  | 0.99   | cps   |
| Scandium   | 45-1  | 5311240  | 5311577  | 5265445  | 5296087  | 0.50   | cps   |
| Scandium   | 45-2  | 183660   | 186690   | 185118   | 185156   | 0.82   | cps   |
| Selenium   | 82-1  | 29810    | 30044    | 29619    | 29824    | 0.71   | cps   |
| Selenium   | 77-2  | 1323     | 1063     | 1087     | 1158     | 12.42  | cps   |
| Selenium   | 78-2  | 3879     | 3822     | 3943     | 3881     | 1.56   | cps   |
| Silicon    | 28-1  | 3239930  | 3320597  | 3286884  | 3282470  | 1.23   | cps   |
| Silver     | 107-1 | 423442   | 431068   | 434518   | 429676   | 1.32   | cps   |
| Silver     | 109-1 | 406832   | 415751   | 408924   | 410502   | 1.14   | cps   |
| Sodium     | 23-2  | 630637   | 614199   | 619233   | 621356   | 1.36   | cps   |
| Strontium  | 86-1  | 1202234  | 1225509  | 1207791  | 1211845  | 1.00   | cps   |
| Strontium  | 88-1  | 10594001 | 10453269 | 10796592 | 10614621 | 1.63   | cps   |
| Sulfur     | 34-1  | 221076   | 217370   | 217294   | 218580   | 0.99   | cps   |
| Terbium    | 159-1 | 8407064  | 8547173  | 8371778  | 8442005  | 1.10   | cps   |
| Terbium    | 159-2 | 3179776  | 3184903  | 3181090  | 3181923  | 0.08   | cps   |
| Thallium   | 203-1 | 1108828  | 1101851  | 1112660  | 1107780  | 0.49   | cps   |
| Thallium   | 205-1 | 2697567  | 2720079  | 2630280  | 2682642  | 1.74   | cps   |
| Tin        | 118-1 | 2896317  | 2883260  | 2903308  | 2894295  | 0.35   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV41               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV41               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 13:52:26 | DataFile Name :   | 013ICV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5640595  | 5484247  | 5604037  | 5576293  | 1.47   | cps   |
| Uranium   | 238-1 | 8400621  | 8821044  | 8526557  | 8582741  | 2.51   | cps   |
| Vanadium  | 51-2  | 155574   | 153312   | 152143   | 153677   | 1.14   | cps   |
| Ytterbium | 172-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Ytterbium | 172-2 | 28       | 33       | 28       | 30       | 10.81  | cps   |
| Ytterbium | 176-1 | 800      | 1125     | 950      | 958      | 16.97  | cps   |
| Ytterbium | 176-2 | 3367     | 3662     | 3817     | 3615     | 6.32   | cps   |
| Yttrium   | 89-1  | 11828924 | 11793679 | 11981634 | 11868079 | 0.84   | cps   |
| Yttrium   | 89-2  | 1501702  | 1522881  | 1486774  | 1503786  | 1.21   | cps   |
| Zinc      | 66-2  | 67537    | 64128    | 64004    | 65223    | 3.07   | cps   |
| Zirconium | 90-1  | 6144044  | 6227333  | 6193789  | 6188389  | 0.68   | cps   |
| Zirconium | 91-1  | 1401456  | 1403132  | 1345568  | 1383386  | 2.37   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1342    | 1322    | 1319    | 1328    | 0.96   | cps   |
| Antimony   | 121-1 | 10463   | 10988   | 10855   | 10768   | 2.54   | cps   |
| Arsenic    | 75-2  | 235     | 215     | 228     | 226     | 4.49   | cps   |
| Barium     | 135-1 | 14316   | 15025   | 13649   | 14330   | 4.80   | cps   |
| Barium     | 137-1 | 25082   | 25950   | 25600   | 25544   | 1.71   | cps   |
| Beryllium  | 9-1   | 2842    | 2918    | 2948    | 2902    | 1.88   | cps   |
| Bismuth    | 209-1 | 4694967 | 4791264 | 4670087 | 4718773 | 1.36   | cps   |
| Bismuth    | 209-2 | 2117696 | 2153279 | 2125974 | 2132316 | 0.87   | cps   |
| Boron      | 10-1  | 14356   | 14524   | 14855   | 14578   | 1.74   | cps   |
| Boron      | 11-1  | 61095   | 63541   | 62840   | 62492   | 2.02   | cps   |
| Bromine    | 81-1  | 35091   | 35271   | 37208   | 35857   | 3.27   | cps   |
| Cadmium    | 111-1 | 2277    | 2338    | 2494    | 2370    | 4.73   | cps   |
| Cadmium    | 106-1 | 3300    | 3526    | 3334    | 3387    | 3.59   | cps   |
| Cadmium    | 108-1 | 292     | 275     | 271     | 279     | 3.95   | cps   |
| Calcium    | 43-1  | 11896   | 12287   | 12075   | 12086   | 1.62   | cps   |
| Calcium    | 44-1  | 199023  | 199867  | 199109  | 199333  | 0.23   | cps   |
| Carbon     | 12-1  | 5674969 | 5612734 | 5472417 | 5586707 | 1.86   | cps   |
| Carbon     | 12-2  | 61036   | 63011   | 59463   | 61170   | 2.91   | cps   |
| Chlorine   | 35-1  | 105140  | 105626  | 108589  | 106452  | 1.75   | cps   |
| Chlorine   | 35-2  | 1075    | 1150    | 1075    | 1100    | 3.94   | cps   |
| Chromium   | 52-2  | 4354    | 4397    | 4474    | 4409    | 1.38   | cps   |
| Cobalt     | 59-2  | 3230    | 3200    | 3194    | 3208    | 0.61   | cps   |
| Copper     | 63-2  | 5001    | 5241    | 5324    | 5189    | 3.24   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 67      | 25      | 58      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 17      | 43      | 20      | 27      | 54.47  | cps   |
| Gadolinium | 160-1 | 75      | 58      | 50      | 61      | 20.83  | cps   |
| Gadolinium | 160-2 | 60      | 40      | 37      | 46      | 27.70  | cps   |
| Holmium    | 165-1 | 7568863 | 7967591 | 7977213 | 7837889 | 2.97   | cps   |
| Holmium    | 165-2 | 3109769 | 3099222 | 3074618 | 3094536 | 0.58   | cps   |
| Indium     | 115-1 | 6633493 | 7074799 | 7087755 | 6932016 | 3.73   | cps   |
| Indium     | 115-2 | 1183868 | 1180889 | 1166589 | 1177115 | 0.78   | cps   |
| Iron       | 54-2  | 4845    | 4918    | 4790    | 4851    | 1.32   | cps   |
| Iron       | 56-2  | 83493   | 82470   | 82689   | 82884   | 0.65   | cps   |
| Iron       | 57-2  | 2256    | 2145    | 1917    | 2106    | 8.21   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3973    | 3973    | 3826    | 3924    | 2.15   | cps   |
| Lead       | 206-1 | 4957    | 4679    | 4962    | 4866    | 3.33   | cps   |
| Lead       | 207-1 | 4117    | 4529    | 4201    | 4282    | 5.08   | cps   |
| Lead       | 208-1 | 19289   | 19295   | 20023   | 19536   | 2.16   | cps   |
| Lithium    | 6-1   | 4349060 | 4557563 | 4510581 | 4472401 | 2.45   | cps   |
| Magnesium  | 24-2  | 81738   | 80741   | 82092   | 81524   | 0.86   | cps   |
| Manganese  | 55-2  | 1250    | 1280    | 1170    | 1233    | 4.61   | cps   |
| Molybdenum | 94-1  | 13974   | 12873   | 13682   | 13510   | 4.22   | cps   |
| Molybdenum | 95-1  | 15901   | 16393   | 16986   | 16427   | 3.31   | cps   |
| Molybdenum | 96-1  | 18087   | 18346   | 19105   | 18513   | 2.86   | cps   |
| Molybdenum | 97-1  | 10746   | 10362   | 10387   | 10499   | 2.05   | cps   |
| Molybdenum | 98-1  | 25808   | 26075   | 25274   | 25719   | 1.59   | cps   |
| Neodymium  | 150-1 | 20      | 7       | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Nickel     | 60-2  | 863     | 913     | 800     | 859     | 6.61   | cps   |
| Phosphorus | 31-2  | 175     | 183     | 267     | 208     | 24.33  | cps   |
| Potassium  | 39-2  | 87817   | 87657   | 85789   | 87088   | 1.29   | cps   |
| Rhodium    | 103-1 | 6404504 | 6702523 | 6701462 | 6602830 | 2.60   | cps   |
| Rhodium    | 103-2 | 2698162 | 2722141 | 2791277 | 2737194 | 1.77   | cps   |
| Scandium   | 45-1  | 4954000 | 5354228 | 5230316 | 5179515 | 3.96   | cps   |
| Scandium   | 45-2  | 179310  | 181926  | 178938  | 180058  | 0.90   | cps   |
| Selenium   | 82-1  | 734     | 901     | 836     | 824     | 10.25  | cps   |
| Selenium   | 77-2  | 17      | 23      | 30      | 23      | 28.56  | cps   |
| Selenium   | 78-2  | 205     | 199     | 219     | 208     | 4.94   | cps   |
| Silicon    | 28-1  | 475882  | 476267  | 470708  | 474286  | 0.65   | cps   |
| Silver     | 107-1 | 8745    | 8636    | 8836    | 8739    | 1.15   | cps   |
| Silver     | 109-1 | 8611    | 8261    | 8528    | 8467    | 2.16   | cps   |
| Sodium     | 23-2  | 163443  | 160143  | 165046  | 162878  | 1.54   | cps   |
| Strontium  | 86-1  | 8053    | 8511    | 8511    | 8358    | 3.17   | cps   |
| Strontium  | 88-1  | 18454   | 19055   | 19773   | 19094   | 3.46   | cps   |
| Sulfur     | 34-1  | 224028  | 230916  | 229284  | 228076  | 1.58   | cps   |
| Terbium    | 159-1 | 7939319 | 8079791 | 8508279 | 8175796 | 3.63   | cps   |
| Terbium    | 159-2 | 3009626 | 3157549 | 3122822 | 3096666 | 2.50   | cps   |
| Thallium   | 203-1 | 5135    | 5710    | 5910    | 5585    | 7.21   | cps   |
| Thallium   | 205-1 | 12615   | 12857   | 13299   | 12924   | 2.68   | cps   |
| Tin        | 118-1 | 25925   | 27453   | 26335   | 26571   | 2.98   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV               | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:12:37 | DataFile Name :   | 016LLIC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5610     | 5843     | 5468     | 5640     | 3.36   | cps   |
| Uranium   | 238-1 | 15076    | 15610    | 15301    | 15329    | 1.75   | cps   |
| Vanadium  | 51-2  | 7866     | 7559     | 7799     | 7741     | 2.08   | cps   |
| Ytterbium | 172-1 | 42       | 108      | 75       | 75       | 44.44  | cps   |
| Ytterbium | 172-2 | 11       | 17       | 39       | 22       | 66.14  | cps   |
| Ytterbium | 176-1 | 1008     | 1008     | 992      | 1003     | 0.96   | cps   |
| Ytterbium | 176-2 | 3573     | 3606     | 3667     | 3615     | 1.32   | cps   |
| Yttrium   | 89-1  | 11252456 | 11998707 | 12221958 | 11824374 | 4.29   | cps   |
| Yttrium   | 89-2  | 1505051  | 1492702  | 1508748  | 1502167  | 0.56   | cps   |
| Zinc      | 66-2  | 750      | 903      | 840      | 831      | 9.27   | cps   |
| Zirconium | 90-1  | 11021    | 11972    | 12181    | 11725    | 5.27   | cps   |
| Zirconium | 91-1  | 2750     | 2359     | 2575     | 2561     | 7.66   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : ICB41 Instrumnet Name : P8  
 Client Sample ID : ICB41 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 14:15:39 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 70      | 65      | 72      | 69      | 5.52   | cps   |
| Antimony   | 121-1 | 58      | 75      | 92      | 75      | 22.23  | cps   |
| Arsenic    | 75-2  | 8       | 5       | 8       | 7       | 24.74  | cps   |
| Barium     | 135-1 | 50      | 17      | 42      | 36      | 48.03  | cps   |
| Barium     | 137-1 | 50      | 25      | 50      | 42      | 34.64  | cps   |
| Beryllium  | 9-1   | 72      | 48      | 44      | 55      | 27.71  | cps   |
| Bismuth    | 209-1 | 4691996 | 4502668 | 4509762 | 4568142 | 2.35   | cps   |
| Bismuth    | 209-2 | 2086996 | 2147731 | 2155635 | 2130121 | 1.76   | cps   |
| Boron      | 10-1  | 6238    | 6166    | 6014    | 6139    | 1.86   | cps   |
| Boron      | 11-1  | 27294   | 26401   | 26052   | 26582   | 2.41   | cps   |
| Bromine    | 81-1  | 39105   | 34709   | 35713   | 36509   | 6.31   | cps   |
| Cadmium    | 111-1 | 593     | 578     | 639     | 603     | 5.31   | cps   |
| Cadmium    | 106-1 | 3042    | 3225    | 3367    | 3212    | 5.07   | cps   |
| Cadmium    | 108-1 | 117     | 150     | 108     | 125     | 17.64  | cps   |
| Calcium    | 43-1  | 211     | 214     | 231     | 219     | 4.98   | cps   |
| Calcium    | 44-1  | 6442    | 6523    | 6418    | 6461    | 0.85   | cps   |
| Carbon     | 12-1  | 6298453 | 6294679 | 6309353 | 6300829 | 0.12   | cps   |
| Carbon     | 12-2  | 69959   | 71717   | 70210   | 70629   | 1.35   | cps   |
| Chlorine   | 35-1  | 128560  | 131427  | 132049  | 130679  | 1.42   | cps   |
| Chlorine   | 35-2  | 1217    | 1325    | 1392    | 1311    | 6.74   | cps   |
| Chromium   | 52-2  | 830     | 807     | 913     | 850     | 6.60   | cps   |
| Cobalt     | 59-2  | 67      | 37      | 50      | 51      | 29.41  | cps   |
| Copper     | 63-2  | 573     | 593     | 570     | 579     | 2.18   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 67      | 108     | 50      | 75      | 40.06  | cps   |
| Erbium     | 164-2 | 20      | 20      | 20      | 20      | 0.00   | cps   |
| Gadolinium | 160-1 | 92      | 42      | 17      | 50      | 76.37  | cps   |
| Gadolinium | 160-2 | 23      | 63      | 70      | 52      | 48.34  | cps   |
| Holmium    | 165-1 | 7626979 | 7333323 | 7552548 | 7504283 | 2.03   | cps   |
| Holmium    | 165-2 | 3232919 | 3119966 | 3154433 | 3169106 | 1.83   | cps   |
| Indium     | 115-1 | 6753659 | 6617531 | 6859044 | 6743411 | 1.80   | cps   |
| Indium     | 115-2 | 1184292 | 1163417 | 1182699 | 1176803 | 0.99   | cps   |
| Iron       | 54-2  | 622     | 689     | 622     | 644     | 5.97   | cps   |
| Iron       | 56-2  | 4201    | 4456    | 4517    | 4391    | 3.83   | cps   |
| Iron       | 57-2  | 200     | 189     | 244     | 211     | 13.93  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB41               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB41               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:15:39 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3824    | 3923    | 3963    | 3903    | 1.83   | cps   |
| Lead       | 206-1 | 833     | 794     | 811     | 813     | 2.40   | cps   |
| Lead       | 207-1 | 833     | 850     | 667     | 783     | 12.94  | cps   |
| Lead       | 208-1 | 3511    | 3350    | 3100    | 3321    | 6.24   | cps   |
| Lithium    | 6-1   | 4379943 | 4386569 | 4463505 | 4410006 | 1.05   | cps   |
| Magnesium  | 24-2  | 300     | 267     | 217     | 261     | 16.06  | cps   |
| Manganese  | 55-2  | 73      | 60      | 97      | 77      | 24.21  | cps   |
| Molybdenum | 94-1  | 308     | 158     | 242     | 236     | 31.83  | cps   |
| Molybdenum | 95-1  | 67      | 125     | 100     | 97      | 30.10  | cps   |
| Molybdenum | 96-1  | 458     | 383     | 383     | 408     | 10.60  | cps   |
| Molybdenum | 97-1  | 83      | 67      | 67      | 72      | 13.33  | cps   |
| Molybdenum | 98-1  | 275     | 292     | 192     | 253     | 21.20  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 30      | 33      | 57      | 40      | 36.33  | cps   |
| Phosphorus | 31-2  | 67      | 108     | 125     | 100     | 30.04  | cps   |
| Potassium  | 39-2  | 19255   | 18679   | 18287   | 18740   | 2.60   | cps   |
| Rhodium    | 103-1 | 6196428 | 6214794 | 6390589 | 6267270 | 1.71   | cps   |
| Rhodium    | 103-2 | 2683285 | 2781808 | 2684353 | 2716482 | 2.08   | cps   |
| Scandium   | 45-1  | 4972835 | 4918900 | 4930759 | 4940831 | 0.57   | cps   |
| Scandium   | 45-2  | 181114  | 181896  | 177328  | 180113  | 1.36   | cps   |
| Selenium   | 82-1  | 111     | -29     | -9      | 25      | 307.97 | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 123     | 127     | 99      | 116     | 13.02  | cps   |
| Silicon    | 28-1  | 417684  | 418302  | 418921  | 418302  | 0.15   | cps   |
| Silver     | 107-1 | 333     | 350     | 225     | 303     | 22.42  | cps   |
| Silver     | 109-1 | 283     | 267     | 242     | 264     | 7.95   | cps   |
| Sodium     | 23-2  | 14499   | 14383   | 14140   | 14341   | 1.28   | cps   |
| Strontium  | 86-1  | 6143    | 6118    | 6277    | 6179    | 1.38   | cps   |
| Strontium  | 88-1  | 175     | 200     | 200     | 192     | 7.53   | cps   |
| Sulfur     | 34-1  | 226794  | 225805  | 225626  | 226075  | 0.28   | cps   |
| Terbium    | 159-1 | 7688402 | 7758864 | 7860461 | 7769242 | 1.11   | cps   |
| Terbium    | 159-2 | 3125869 | 3156344 | 3060996 | 3114403 | 1.56   | cps   |
| Thallium   | 203-1 | 375     | 500     | 458     | 444     | 14.32  | cps   |
| Thallium   | 205-1 | 975     | 1000    | 992     | 989     | 1.29   | cps   |
| Tin        | 118-1 | 683     | 492     | 550     | 575     | 17.09  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB41               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB41               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:15:39 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 133      | 233      | 208      | 192      | 27.15  | cps   |
| Uranium   | 238-1 | 83       | 25       | 8        | 39       | 101.28 | cps   |
| Vanadium  | 51-2  | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Ytterbium | 172-1 | 50       | 50       | 33       | 44       | 21.66  | cps   |
| Ytterbium | 172-2 | 33       | 33       | 11       | 26       | 49.49  | cps   |
| Ytterbium | 176-1 | 1175     | 1042     | 992      | 1070     | 8.86   | cps   |
| Ytterbium | 176-2 | 3406     | 3573     | 3462     | 3480     | 2.44   | cps   |
| Yttrium   | 89-1  | 11314889 | 11395102 | 11364658 | 11358216 | 0.36   | cps   |
| Yttrium   | 89-2  | 1467877  | 1483172  | 1468440  | 1473163  | 0.59   | cps   |
| Zinc      | 66-2  | 163      | 140      | 180      | 161      | 12.47  | cps   |
| Zirconium | 90-1  | 467      | 600      | 467      | 511      | 15.06  | cps   |
| Zirconium | 91-1  | 75       | 117      | 83       | 92       | 24.05  | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : ICSA41 Instrumnet Name : P8  
 Client Sample ID : ICSA41 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 14:18:44 DataFile Name : 018ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6909707   | 6711807   | 6909976   | 6843830   | 1.67   | cps   |
| Antimony   | 121-1 | 6393      | 6443      | 6335      | 6391      | 0.85   | cps   |
| Arsenic    | 75-2  | 54        | 72        | 52        | 59        | 18.56  | cps   |
| Barium     | 135-1 | 2392      | 2425      | 2334      | 2384      | 1.95   | cps   |
| Barium     | 137-1 | 4042      | 4184      | 3609      | 3945      | 7.60   | cps   |
| Beryllium  | 9-1   | 900       | 826       | 866       | 864       | 4.29   | cps   |
| Bismuth    | 209-1 | 4545881   | 4540506   | 4606469   | 4564285   | 0.80   | cps   |
| Bismuth    | 209-2 | 2075474   | 2070426   | 2102153   | 2082684   | 0.82   | cps   |
| Boron      | 10-1  | 5806      | 5888      | 5652      | 5782      | 2.07   | cps   |
| Boron      | 11-1  | 24986     | 24129     | 24768     | 24628     | 1.81   | cps   |
| Bromine    | 81-1  | 37430     | 39869     | 38333     | 38544     | 3.20   | cps   |
| Cadmium    | 111-1 | 1435      | 1385      | 1247      | 1356      | 7.19   | cps   |
| Cadmium    | 106-1 | 3275      | 3434      | 3334      | 3348      | 2.39   | cps   |
| Cadmium    | 108-1 | 1154      | 1050      | 1100      | 1101      | 4.73   | cps   |
| Calcium    | 43-1  | 2550929   | 2624016   | 2603932   | 2592959   | 1.46   | cps   |
| Calcium    | 44-1  | 40905381  | 42050994  | 42117712  | 41691362  | 1.63   | cps   |
| Carbon     | 12-1  | 25964561  | 25835795  | 26525419  | 26108592  | 1.40   | cps   |
| Carbon     | 12-2  | 287108    | 287434    | 278991    | 284511    | 1.68   | cps   |
| Chlorine   | 35-1  | 10367476  | 12153478  | 13743458  | 12088138  | 13.97  | cps   |
| Chlorine   | 35-2  | 143953    | 154082    | 161396    | 153144    | 5.72   | cps   |
| Chromium   | 52-2  | 39815     | 40066     | 39297     | 39726     | 0.99   | cps   |
| Cobalt     | 59-2  | 3624      | 3751      | 3597      | 3657      | 2.24   | cps   |
| Copper     | 63-2  | 17905     | 17968     | 17611     | 17828     | 1.07   | cps   |
| Dysprosium | 156-1 | 8         | 33        | 33        | 25        | 57.74  | cps   |
| Dysprosium | 156-2 | 3         | 3         | 3         | 3         | 0.00   | cps   |
| Erbium     | 164-1 | 67        | 92        | 67        | 75        | 19.24  | cps   |
| Erbium     | 164-2 | 40        | 30        | 40        | 37        | 15.75  | cps   |
| Gadolinium | 160-1 | 117       | 108       | 133       | 119       | 10.66  | cps   |
| Gadolinium | 160-2 | 83        | 87        | 70        | 80        | 11.02  | cps   |
| Holmium    | 165-1 | 7865358   | 7778301   | 7775643   | 7806434   | 0.65   | cps   |
| Holmium    | 165-2 | 3276642   | 3249784   | 3287817   | 3271414   | 0.60   | cps   |
| Indium     | 115-1 | 6730303   | 7008856   | 7081765   | 6940308   | 2.67   | cps   |
| Indium     | 115-2 | 1215882   | 1158211   | 1175714   | 1183269   | 2.50   | cps   |
| Iron       | 54-2  | 9207165   | 8941967   | 9153556   | 9100896   | 1.54   | cps   |
| Iron       | 56-2  | 163502770 | 163350159 | 167954426 | 164935785 | 1.59   | cps   |
| Iron       | 57-2  | 4234992   | 4176701   | 4154773   | 4188822   | 0.99   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA41              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA41              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:18:44 | DataFile Name :   | 018ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3845     | 3986     | 3978     | 3936     | 2.01   | cps   |
| Lead       | 206-1 | 20572    | 21062    | 20466    | 20700    | 1.53   | cps   |
| Lead       | 207-1 | 16266    | 16438    | 16884    | 16529    | 1.93   | cps   |
| Lead       | 208-1 | 76265    | 77334    | 78187    | 77262    | 1.25   | cps   |
| Lithium    | 6-1   | 4665820  | 4735745  | 4502265  | 4634610  | 2.59   | cps   |
| Magnesium  | 24-2  | 16682284 | 16806818 | 16812780 | 16767294 | 0.44   | cps   |
| Manganese  | 55-2  | 9223     | 8769     | 8556     | 8849     | 3.85   | cps   |
| Molybdenum | 94-1  | 3767494  | 3884136  | 3793142  | 3814924  | 1.61   | cps   |
| Molybdenum | 95-1  | 6704444  | 6826788  | 6739050  | 6756761  | 0.93   | cps   |
| Molybdenum | 96-1  | 7130848  | 7259607  | 7155925  | 7182127  | 0.95   | cps   |
| Molybdenum | 97-1  | 4034216  | 4089692  | 4086251  | 4070053  | 0.76   | cps   |
| Molybdenum | 98-1  | 10630269 | 10393869 | 10719433 | 10581190 | 1.59   | cps   |
| Neodymium  | 150-1 | 27       | 60       | 40       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Nickel     | 60-2  | 4411     | 4597     | 4864     | 4624     | 4.93   | cps   |
| Phosphorus | 31-2  | 393254   | 396900   | 396237   | 395464   | 0.49   | cps   |
| Potassium  | 39-2  | 15123546 | 14886138 | 14991376 | 15000353 | 0.79   | cps   |
| Rhodium    | 103-1 | 6235041  | 6244438  | 6347167  | 6275549  | 0.99   | cps   |
| Rhodium    | 103-2 | 2831254  | 2587510  | 2678034  | 2698932  | 4.57   | cps   |
| Scandium   | 45-1  | 5246245  | 5380291  | 5300700  | 5309078  | 1.27   | cps   |
| Scandium   | 45-2  | 190839   | 184973   | 192957   | 189590   | 2.18   | cps   |
| Selenium   | 82-1  | 109      | -15      | 14       | 36       | 180.73 | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 126      | 118      | 117      | 8.63   | cps   |
| Silicon    | 28-1  | 553707   | 559084   | 566034   | 559608   | 1.10   | cps   |
| Silver     | 107-1 | 633      | 492      | 542      | 556      | 12.93  | cps   |
| Silver     | 109-1 | 633      | 583      | 550      | 589      | 7.12   | cps   |
| Sodium     | 23-2  | 32794040 | 32802457 | 32504594 | 32700364 | 0.52   | cps   |
| Strontium  | 86-1  | 87045    | 86711    | 88211    | 87322    | 0.90   | cps   |
| Strontium  | 88-1  | 675847   | 667030   | 703738   | 682205   | 2.81   | cps   |
| Sulfur     | 34-1  | 3737371  | 3974284  | 3842235  | 3851297  | 3.08   | cps   |
| Terbium    | 159-1 | 8074097  | 8541625  | 8216492  | 8277405  | 2.90   | cps   |
| Terbium    | 159-2 | 3318720  | 3174283  | 3329633  | 3274212  | 2.65   | cps   |
| Thallium   | 203-1 | 1067     | 967      | 1242     | 1092     | 12.75  | cps   |
| Thallium   | 205-1 | 2275     | 2734     | 3192     | 2734     | 16.77  | cps   |
| Tin        | 118-1 | 1392     | 1525     | 1683     | 1533     | 9.52   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA41              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA41              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:18:44 | DataFile Name :   | 018ICSA.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2337527  | 2309123  | 2370221  | 2338957  | 1.31   | cps   |
| Uranium   | 238-1 | 342      | 367      | 325      | 344      | 6.09   | cps   |
| Vanadium  | 51-2  | 300      | 233      | 313      | 282      | 15.19  | cps   |
| Ytterbium | 172-1 | 33       | 58       | 125      | 72       | 65.62  | cps   |
| Ytterbium | 172-2 | 33       | 0        | 11       | 15       | 114.56 | cps   |
| Ytterbium | 176-1 | 1033     | 1033     | 850      | 972      | 10.89  | cps   |
| Ytterbium | 176-2 | 3451     | 3495     | 3901     | 3615     | 6.86   | cps   |
| Yttrium   | 89-1  | 11743630 | 11551068 | 11986717 | 11760472 | 1.86   | cps   |
| Yttrium   | 89-2  | 1645004  | 1534090  | 1529936  | 1569676  | 4.16   | cps   |
| Zinc      | 66-2  | 4587     | 4514     | 4637     | 4580     | 1.36   | cps   |
| Zirconium | 90-1  | 642      | 758      | 725      | 708      | 8.48   | cps   |
| Zirconium | 91-1  | 167      | 192      | 100      | 153      | 31.02  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6904503   | 6960477   | 6741529   | 6868836   | 1.66   | cps   |
| Antimony   | 121-1 | 120312    | 118806    | 115982    | 118367    | 1.86   | cps   |
| Arsenic    | 75-2  | 4210      | 4135      | 4165      | 4170      | 0.91   | cps   |
| Barium     | 135-1 | 33993     | 33083     | 34144     | 33740     | 1.70   | cps   |
| Barium     | 137-1 | 56076     | 58017     | 59707     | 57933     | 3.14   | cps   |
| Beryllium  | 9-1   | 57428     | 56627     | 57504     | 57186     | 0.85   | cps   |
| Bismuth    | 209-1 | 4620737   | 4457637   | 4555849   | 4544741   | 1.81   | cps   |
| Bismuth    | 209-2 | 2091792   | 2094749   | 2053603   | 2080048   | 1.10   | cps   |
| Boron      | 10-1  | 24095     | 25097     | 25507     | 24900     | 2.92   | cps   |
| Boron      | 11-1  | 108848    | 109782    | 114303    | 110978    | 2.63   | cps   |
| Bromine    | 81-1  | 39226     | 39848     | 41314     | 40129     | 2.67   | cps   |
| Cadmium    | 111-1 | 32589     | 32861     | 33363     | 32938     | 1.19   | cps   |
| Cadmium    | 106-1 | 7994      | 7477      | 7811      | 7761      | 3.38   | cps   |
| Cadmium    | 108-1 | 3942      | 3884      | 3834      | 3887      | 1.40   | cps   |
| Calcium    | 43-1  | 2707620   | 2779618   | 2664268   | 2717169   | 2.14   | cps   |
| Calcium    | 44-1  | 42575331  | 43414924  | 43172550  | 43054268  | 1.00   | cps   |
| Carbon     | 12-1  | 26721292  | 26847065  | 26563454  | 26710604  | 0.53   | cps   |
| Carbon     | 12-2  | 288195    | 292561    | 280618    | 287124    | 2.10   | cps   |
| Chlorine   | 35-1  | 16515456  | 18391452  | 19778202  | 18228370  | 8.98   | cps   |
| Chlorine   | 35-2  | 190900    | 197739    | 198415    | 195685    | 2.12   | cps   |
| Chromium   | 52-2  | 79000     | 78742     | 78200     | 78647     | 0.52   | cps   |
| Cobalt     | 59-2  | 69305     | 67506     | 68018     | 68276     | 1.36   | cps   |
| Copper     | 63-2  | 62152     | 62149     | 61884     | 62062     | 0.25   | cps   |
| Dysprosium | 156-1 | 42        | 8         | 42        | 31        | 62.99  | cps   |
| Dysprosium | 156-2 | 13        | 7         | 17        | 12        | 41.65  | cps   |
| Erbium     | 164-1 | 58        | 42        | 100       | 67        | 45.07  | cps   |
| Erbium     | 164-2 | 33        | 40        | 50        | 41        | 20.41  | cps   |
| Gadolinium | 160-1 | 42        | 108       | 67        | 72        | 46.63  | cps   |
| Gadolinium | 160-2 | 73        | 63        | 63        | 67        | 8.66   | cps   |
| Holmium    | 165-1 | 8201502   | 8125009   | 8210600   | 8179037   | 0.57   | cps   |
| Holmium    | 165-2 | 3369369   | 3305051   | 3262880   | 3312434   | 1.62   | cps   |
| Indium     | 115-1 | 6866251   | 7141194   | 6985687   | 6997711   | 1.97   | cps   |
| Indium     | 115-2 | 1200072   | 1177770   | 1195243   | 1191028   | 0.99   | cps   |
| Iron       | 54-2  | 9178255   | 9089189   | 9043712   | 9103719   | 0.75   | cps   |
| Iron       | 56-2  | 167609159 | 167101632 | 168920043 | 167876944 | 0.56   | cps   |
| Iron       | 57-2  | 4228912   | 4211064   | 4180586   | 4206854   | 0.58   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 4123     | 4083     | 4114     | 4106     | 0.51   | cps   |
| Lead       | 206-1 | 102492   | 106973   | 102024   | 103830   | 2.63   | cps   |
| Lead       | 207-1 | 88496    | 89503    | 88363    | 88787    | 0.70   | cps   |
| Lead       | 208-1 | 410833   | 410390   | 412911   | 411378   | 0.33   | cps   |
| Lithium    | 6-1   | 4606109  | 4754911  | 4774516  | 4711846  | 1.95   | cps   |
| Magnesium  | 24-2  | 16945184 | 17120036 | 17318536 | 17127919 | 1.09   | cps   |
| Manganese  | 55-2  | 31251    | 31207    | 31054    | 31171    | 0.33   | cps   |
| Molybdenum | 94-1  | 4081258  | 4275672  | 4082326  | 4146419  | 2.70   | cps   |
| Molybdenum | 95-1  | 6856287  | 6969624  | 6717655  | 6847855  | 1.84   | cps   |
| Molybdenum | 96-1  | 7543419  | 7572223  | 7409816  | 7508486  | 1.15   | cps   |
| Molybdenum | 97-1  | 4271005  | 4345576  | 4172570  | 4263050  | 2.04   | cps   |
| Molybdenum | 98-1  | 11194297 | 11206220 | 11035884 | 11145467 | 0.85   | cps   |
| Neodymium  | 150-1 | 20       | 40       | 47       | 36       | 39.03  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 21410    | 21530    | 21573    | 21504    | 0.39   | cps   |
| Phosphorus | 31-2  | 402314   | 393401   | 388572   | 394762   | 1.77   | cps   |
| Potassium  | 39-2  | 14686506 | 14767122 | 14844375 | 14766001 | 0.53   | cps   |
| Rhodium    | 103-1 | 6590244  | 6458641  | 6502783  | 6517223  | 1.03   | cps   |
| Rhodium    | 103-2 | 2720566  | 2688098  | 2729720  | 2712795  | 0.81   | cps   |
| Scandium   | 45-1  | 5401287  | 5531220  | 5594545  | 5509017  | 1.79   | cps   |
| Scandium   | 45-2  | 191212   | 191722   | 192761   | 191898   | 0.41   | cps   |
| Selenium   | 82-1  | 2876     | 2868     | 2852     | 2865     | 0.42   | cps   |
| Selenium   | 77-2  | 80       | 97       | 123      | 100      | 21.86  | cps   |
| Selenium   | 78-2  | 456      | 475      | 470      | 467      | 2.11   | cps   |
| Silicon    | 28-1  | 926170   | 946589   | 953661   | 942140   | 1.52   | cps   |
| Silver     | 107-1 | 162270   | 161577   | 164698   | 162848   | 1.01   | cps   |
| Silver     | 109-1 | 154648   | 156966   | 157115   | 156243   | 0.89   | cps   |
| Sodium     | 23-2  | 32892503 | 32217811 | 32759614 | 32623309 | 1.10   | cps   |
| Strontium  | 86-1  | 222974   | 225719   | 226884   | 225192   | 0.89   | cps   |
| Strontium  | 88-1  | 1887419  | 1920422  | 1957938  | 1921926  | 1.84   | cps   |
| Sulfur     | 34-1  | 3976658  | 3951315  | 4043691  | 3990555  | 1.20   | cps   |
| Terbium    | 159-1 | 8653647  | 8643946  | 8513574  | 8603723  | 0.91   | cps   |
| Terbium    | 159-2 | 3326512  | 3273737  | 3285927  | 3295392  | 0.84   | cps   |
| Thallium   | 203-1 | 106184   | 110747   | 105783   | 107571   | 2.56   | cps   |
| Thallium   | 205-1 | 249884   | 259316   | 251253   | 253485   | 2.01   | cps   |
| Tin        | 118-1 | 302577   | 307155   | 305673   | 305135   | 0.77   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB41             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB41             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:21:37 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2357710  | 2471657  | 2434082  | 2421150  | 2.40   | cps   |
| Uranium   | 238-1 | 932993   | 925914   | 917566   | 925491   | 0.83   | cps   |
| Vanadium  | 51-2  | 33075    | 32664    | 32306    | 32682    | 1.18   | cps   |
| Ytterbium | 172-1 | 33       | 58       | 67       | 53       | 32.87  | cps   |
| Ytterbium | 172-2 | 28       | 28       | 28       | 28       | 0.00   | cps   |
| Ytterbium | 176-1 | 925      | 1075     | 1075     | 1025     | 8.45   | cps   |
| Ytterbium | 176-2 | 3523     | 3545     | 3773     | 3614     | 3.83   | cps   |
| Yttrium   | 89-1  | 11982885 | 12066633 | 12120332 | 12056617 | 0.57   | cps   |
| Yttrium   | 89-2  | 1547704  | 1541864  | 1561993  | 1550521  | 0.67   | cps   |
| Zinc      | 66-2  | 10831    | 11341    | 10748    | 10973    | 2.93   | cps   |
| Zirconium | 90-1  | 666416   | 673580   | 670453   | 670150   | 0.54   | cps   |
| Zirconium | 91-1  | 149239   | 152203   | 148817   | 150086   | 1.23   | cps   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3601050   | 3537840   | 3434297   | 3524396   | 2.39   | cps   |
| Antimony   | 121-1 | 2875928   | 2915935   | 2893901   | 2895255   | 0.69   | cps   |
| Arsenic    | 75-2  | 100028    | 100009    | 99326     | 99787     | 0.40   | cps   |
| Barium     | 135-1 | 3968833   | 4004444   | 4029250   | 4000842   | 0.76   | cps   |
| Barium     | 137-1 | 6939422   | 6965417   | 6847493   | 6917444   | 0.90   | cps   |
| Beryllium  | 9-1   | 1369119   | 1365939   | 1412657   | 1382572   | 1.89   | cps   |
| Bismuth    | 209-1 | 4453396   | 4306831   | 4226717   | 4328981   | 2.66   | cps   |
| Bismuth    | 209-2 | 2084126   | 1924014   | 1965923   | 1991354   | 4.17   | cps   |
| Boron      | 10-1  | 353328    | 356118    | 363698    | 357715    | 1.50   | cps   |
| Boron      | 11-1  | 1367643   | 1414132   | 1457839   | 1413205   | 3.19   | cps   |
| Bromine    | 81-1  | 36295     | 39046     | 37751     | 37697     | 3.65   | cps   |
| Cadmium    | 111-1 | 786481    | 773193    | 771580    | 777084    | 1.05   | cps   |
| Cadmium    | 106-1 | 93164     | 90423     | 92326     | 91971     | 1.53   | cps   |
| Cadmium    | 108-1 | 63529     | 63449     | 62449     | 63142     | 0.95   | cps   |
| Calcium    | 43-1  | 6572848   | 6588379   | 6405864   | 6522364   | 1.55   | cps   |
| Calcium    | 44-1  | 106432404 | 107910074 | 104251974 | 106198150 | 1.73   | cps   |
| Carbon     | 12-1  | 7249578   | 7259242   | 7275942   | 7261587   | 0.18   | cps   |
| Carbon     | 12-2  | 85683     | 84585     | 85298     | 85189     | 0.65   | cps   |
| Chlorine   | 35-1  | 3730276   | 3595503   | 3392439   | 3572739   | 4.76   | cps   |
| Chlorine   | 35-2  | 31359     | 29163     | 28044     | 29522     | 5.71   | cps   |
| Chromium   | 52-2  | 976052    | 975616    | 967042    | 972903    | 0.52   | cps   |
| Cobalt     | 59-2  | 1655496   | 1658107   | 1643135   | 1652246   | 0.48   | cps   |
| Copper     | 63-2  | 11599115  | 11918774  | 11592269  | 11703386  | 1.59   | cps   |
| Dysprosium | 156-1 | 492       | 575       | 483       | 517       | 9.81   | cps   |
| Dysprosium | 156-2 | 137       | 173       | 170       | 160       | 12.67  | cps   |
| Erbium     | 164-1 | 125       | 125       | 108       | 119       | 8.05   | cps   |
| Erbium     | 164-2 | 37        | 33        | 33        | 34        | 5.60   | cps   |
| Gadolinium | 160-1 | 425       | 383       | 400       | 403       | 5.21   | cps   |
| Gadolinium | 160-2 | 183       | 210       | 157       | 183       | 14.54  | cps   |
| Holmium    | 165-1 | 7935105   | 8255947   | 8021655   | 8070902   | 2.06   | cps   |
| Holmium    | 165-2 | 3295889   | 3344802   | 3282035   | 3307575   | 1.00   | cps   |
| Indium     | 115-1 | 7101344   | 6825721   | 6764636   | 6897234   | 2.60   | cps   |
| Indium     | 115-2 | 1187198   | 1175563   | 1154188   | 1172316   | 1.43   | cps   |
| Iron       | 54-2  | 11734416  | 11408933  | 11452682  | 11532010  | 1.53   | cps   |
| Iron       | 56-2  | 211578338 | 205090555 | 206352410 | 207673768 | 1.66   | cps   |
| Iron       | 57-2  | 5226289   | 5261107   | 5247697   | 5245031   | 0.33   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3981     | 4116     | 4011     | 4036     | 1.76   | cps   |
| Lead       | 206-1 | 11555773 | 11246355 | 10863193 | 11221774 | 3.09   | cps   |
| Lead       | 207-1 | 9897374  | 9815657  | 9557520  | 9756850  | 1.82   | cps   |
| Lead       | 208-1 | 45661924 | 45009826 | 43949587 | 44873779 | 1.93   | cps   |
| Lithium    | 6-1   | 4500398  | 4596198  | 4518562  | 4538386  | 1.12   | cps   |
| Magnesium  | 24-2  | 43708028 | 43097018 | 42746898 | 43183981 | 1.13   | cps   |
| Manganese  | 55-2  | 6047970  | 5832933  | 5999958  | 5960287  | 1.89   | cps   |
| Molybdenum | 94-1  | 11979523 | 12077733 | 11960231 | 12005829 | 0.52   | cps   |
| Molybdenum | 95-1  | 17598837 | 17554501 | 17294798 | 17482712 | 0.94   | cps   |
| Molybdenum | 96-1  | 18929585 | 19347067 | 18962569 | 19079740 | 1.22   | cps   |
| Molybdenum | 97-1  | 10553724 | 10579990 | 10607696 | 10580470 | 0.26   | cps   |
| Molybdenum | 98-1  | 27456899 | 27637858 | 27525611 | 27540122 | 0.33   | cps   |
| Neodymium  | 150-1 | 307      | 347      | 253      | 302      | 15.49  | cps   |
| Neodymium  | 150-2 | 47       | 23       | 37       | 36       | 32.93  | cps   |
| Nickel     | 60-2  | 417990   | 409886   | 407967   | 411948   | 1.29   | cps   |
| Phosphorus | 31-2  | 40549    | 38352    | 40140    | 39680    | 2.94   | cps   |
| Potassium  | 39-2  | 19251136 | 18984254 | 19267385 | 19167592 | 0.83   | cps   |
| Rhodium    | 103-1 | 6247467  | 6083824  | 6175769  | 6169020  | 1.33   | cps   |
| Rhodium    | 103-2 | 2606658  | 2590240  | 2605538  | 2600812  | 0.35   | cps   |
| Scandium   | 45-1  | 5502519  | 5411237  | 5325204  | 5412987  | 1.64   | cps   |
| Scandium   | 45-2  | 188484   | 188087   | 190107   | 188892   | 0.57   | cps   |
| Selenium   | 82-1  | 69730    | 69132    | 70130    | 69664    | 0.72   | cps   |
| Selenium   | 77-2  | 2700     | 2420     | 2467     | 2529     | 5.93   | cps   |
| Selenium   | 78-2  | 8907     | 8860     | 8598     | 8788     | 1.89   | cps   |
| Silicon    | 28-1  | 27328226 | 27360769 | 27426478 | 27371824 | 0.18   | cps   |
| Silver     | 107-1 | 4287394  | 4241563  | 4347949  | 4292302  | 1.24   | cps   |
| Silver     | 109-1 | 4049823  | 4096036  | 4016898  | 4054252  | 0.98   | cps   |
| Sodium     | 23-2  | 80980279 | 80679216 | 80855885 | 80838460 | 0.19   | cps   |
| Strontium  | 86-1  | 1196674  | 1217295  | 1215150  | 1209706  | 0.94   | cps   |
| Strontium  | 88-1  | 10558945 | 10523183 | 10332128 | 10471419 | 1.16   | cps   |
| Sulfur     | 34-1  | 677593   | 705313   | 703776   | 695561   | 2.24   | cps   |
| Terbium    | 159-1 | 8491180  | 8289493  | 8378723  | 8386465  | 1.21   | cps   |
| Terbium    | 159-2 | 3317242  | 3293209  | 3256036  | 3288829  | 0.94   | cps   |
| Thallium   | 203-1 | 2865792  | 2775125  | 2760669  | 2800529  | 2.03   | cps   |
| Thallium   | 205-1 | 6518701  | 6595299  | 6345330  | 6486444  | 1.97   | cps   |
| Tin        | 118-1 | 2823048  | 2756334  | 2793685  | 2791022  | 1.20   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV48               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV48               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 14:25:04 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5939005  | 5745124  | 5830048  | 5838059  | 1.66   | cps   |
| Uranium   | 238-1 | 8392072  | 8718455  | 8459081  | 8523203  | 2.02   | cps   |
| Vanadium  | 51-2  | 842874   | 818880   | 816105   | 825953   | 1.78   | cps   |
| Ytterbium | 172-1 | 125      | 125      | 133      | 128      | 3.77   | cps   |
| Ytterbium | 172-2 | 67       | 67       | 39       | 57       | 27.94  | cps   |
| Ytterbium | 176-1 | 13032    | 12656    | 12248    | 12645    | 3.10   | cps   |
| Ytterbium | 176-2 | 8230     | 8208     | 8008     | 8149     | 1.50   | cps   |
| Yttrium   | 89-1  | 12436082 | 12197699 | 12027752 | 12220511 | 1.68   | cps   |
| Yttrium   | 89-2  | 1534209  | 1549840  | 1542436  | 1542162  | 0.51   | cps   |
| Zinc      | 66-2  | 1610894  | 1644670  | 1597800  | 1617788  | 1.49   | cps   |
| Zirconium | 90-1  | 6340017  | 6436784  | 6388606  | 6388469  | 0.76   | cps   |
| Zirconium | 91-1  | 1400537  | 1456094  | 1379213  | 1411948  | 2.81   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 121     | 110     | 97      | 110     | 10.84  | cps   |
| Antimony   | 121-1 | 283     | 392     | 333     | 336     | 16.13  | cps   |
| Arsenic    | 75-2  | 6       | 10      | 8       | 8       | 25.00  | cps   |
| Barium     | 135-1 | 58      | 25      | 42      | 42      | 40.00  | cps   |
| Barium     | 137-1 | 25      | 75      | 42      | 47      | 53.91  | cps   |
| Beryllium  | 9-1   | 74      | 64      | 74      | 71      | 8.17   | cps   |
| Bismuth    | 209-1 | 4788019 | 4750630 | 4615108 | 4717919 | 1.93   | cps   |
| Bismuth    | 209-2 | 2121200 | 2180232 | 2211697 | 2171043 | 2.12   | cps   |
| Boron      | 10-1  | 7747    | 7717    | 7080    | 7514    | 5.01   | cps   |
| Boron      | 11-1  | 33371   | 33153   | 32221   | 32915   | 1.86   | cps   |
| Bromine    | 81-1  | 37971   | 39296   | 37600   | 38289   | 2.33   | cps   |
| Cadmium    | 111-1 | 628     | 672     | 607     | 636     | 5.23   | cps   |
| Cadmium    | 106-1 | 2917    | 3217    | 2750    | 2962    | 7.99   | cps   |
| Cadmium    | 108-1 | 50      | 54      | 38      | 47      | 18.37  | cps   |
| Calcium    | 43-1  | 260     | 240     | 229     | 243     | 6.52   | cps   |
| Calcium    | 44-1  | 7331    | 7161    | 7061    | 7184    | 1.90   | cps   |
| Carbon     | 12-1  | 6338067 | 6127202 | 6117368 | 6194213 | 2.01   | cps   |
| Carbon     | 12-2  | 65086   | 67682   | 63815   | 65528   | 3.01   | cps   |
| Chlorine   | 35-1  | 870892  | 863493  | 839260  | 857882  | 1.93   | cps   |
| Chlorine   | 35-2  | 8253    | 7377    | 7085    | 7572    | 8.02   | cps   |
| Chromium   | 52-2  | 843     | 863     | 870     | 859     | 1.62   | cps   |
| Cobalt     | 59-2  | 50      | 50      | 87      | 62      | 34.02  | cps   |
| Copper     | 63-2  | 753     | 597     | 697     | 682     | 11.63  | cps   |
| Dysprosium | 156-1 | 8       | 33      | 8       | 17      | 86.62  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 42      | 75      | 53      | 36.46  | cps   |
| Erbium     | 164-2 | 13      | 27      | 17      | 19      | 36.75  | cps   |
| Gadolinium | 160-1 | 42      | 58      | 67      | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 43      | 60      | 53      | 52      | 16.07  | cps   |
| Holmium    | 165-1 | 7768408 | 7806157 | 7968206 | 7847590 | 1.35   | cps   |
| Holmium    | 165-2 | 3183194 | 3251151 | 3120852 | 3185066 | 2.05   | cps   |
| Indium     | 115-1 | 7029487 | 7083297 | 7048472 | 7053752 | 0.39   | cps   |
| Indium     | 115-2 | 1191750 | 1223766 | 1199298 | 1204938 | 1.39   | cps   |
| Iron       | 54-2  | 661     | 533     | 644     | 613     | 11.33  | cps   |
| Iron       | 56-2  | 6240    | 5673    | 5868    | 5927    | 4.86   | cps   |
| Iron       | 57-2  | 228     | 239     | 228     | 231     | 2.77   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4066    | 4131    | 4051    | 4083    | 1.04   | cps   |
| Lead       | 206-1 | 1028    | 872     | 967     | 956     | 8.20   | cps   |
| Lead       | 207-1 | 906     | 700     | 900     | 835     | 14.02  | cps   |
| Lead       | 208-1 | 3939    | 3678    | 3584    | 3734    | 4.93   | cps   |
| Lithium    | 6-1   | 4614039 | 4706980 | 4662502 | 4661174 | 1.00   | cps   |
| Magnesium  | 24-2  | 525     | 433     | 475     | 478     | 9.61   | cps   |
| Manganese  | 55-2  | 123     | 67      | 80      | 90      | 32.92  | cps   |
| Molybdenum | 94-1  | 400     | 358     | 333     | 364     | 9.26   | cps   |
| Molybdenum | 95-1  | 258     | 308     | 250     | 272     | 11.59  | cps   |
| Molybdenum | 96-1  | 492     | 417     | 375     | 428     | 13.82  | cps   |
| Molybdenum | 97-1  | 258     | 208     | 108     | 192     | 39.85  | cps   |
| Molybdenum | 98-1  | 642     | 367     | 450     | 486     | 29.01  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 33      | 37      | 33      | 34      | 5.60   | cps   |
| Phosphorus | 31-2  | 100     | 108     | 192     | 133     | 38.02  | cps   |
| Potassium  | 39-2  | 19756   | 19964   | 19647   | 19789   | 0.81   | cps   |
| Rhodium    | 103-1 | 6573847 | 6639076 | 6692716 | 6635213 | 0.90   | cps   |
| Rhodium    | 103-2 | 2801727 | 2795898 | 2795460 | 2797695 | 0.13   | cps   |
| Scandium   | 45-1  | 5365161 | 5408655 | 5395013 | 5389610 | 0.41   | cps   |
| Scandium   | 45-2  | 186179  | 188702  | 186056  | 186979  | 0.80   | cps   |
| Selenium   | 82-1  | -119    | -150    | -28     | -99     | -64.46 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 106     | 104     | 126     | 112     | 10.86  | cps   |
| Silicon    | 28-1  | 423128  | 419762  | 421552  | 421481  | 0.40   | cps   |
| Silver     | 107-1 | 208     | 233     | 200     | 214     | 8.11   | cps   |
| Silver     | 109-1 | 200     | 250     | 183     | 211     | 16.43  | cps   |
| Sodium     | 23-2  | 19497   | 18929   | 18854   | 19093   | 1.84   | cps   |
| Strontium  | 86-1  | 6485    | 5968    | 6368    | 6274    | 4.32   | cps   |
| Strontium  | 88-1  | 158     | 175     | 167     | 167     | 5.00   | cps   |
| Sulfur     | 34-1  | 221287  | 223614  | 221169  | 222023  | 0.62   | cps   |
| Terbium    | 159-1 | 8639468 | 8462622 | 7994496 | 8365528 | 3.98   | cps   |
| Terbium    | 159-2 | 3126764 | 3200688 | 3157531 | 3161661 | 1.17   | cps   |
| Thallium   | 203-1 | 825     | 750     | 850     | 808     | 6.44   | cps   |
| Thallium   | 205-1 | 1759    | 2067    | 2009    | 1945    | 8.42   | cps   |
| Tin        | 118-1 | 408     | 600     | 567     | 525     | 19.51  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB48               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB48               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:35:36 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 250      | 192      | 217      | 219      | 13.34  | cps   |
| Uranium   | 238-1 | 33       | 58       | 42       | 44       | 28.65  | cps   |
| Vanadium  | 51-2  | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Ytterbium | 172-1 | 67       | 42       | 67       | 58       | 24.74  | cps   |
| Ytterbium | 172-2 | 22       | 28       | 39       | 30       | 28.65  | cps   |
| Ytterbium | 176-1 | 1050     | 975      | 825      | 950      | 12.06  | cps   |
| Ytterbium | 176-2 | 3395     | 3728     | 4106     | 3743     | 9.51   | cps   |
| Yttrium   | 89-1  | 12010516 | 12279326 | 12212419 | 12167420 | 1.15   | cps   |
| Yttrium   | 89-2  | 1573217  | 1565511  | 1514246  | 1550991  | 2.07   | cps   |
| Zinc      | 66-2  | 153      | 167      | 137      | 152      | 9.87   | cps   |
| Zirconium | 90-1  | 675      | 408      | 550      | 544      | 24.51  | cps   |
| Zirconium | 91-1  | 117      | 75       | 117      | 103      | 23.41  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1456    | 1455    | 1462    | 1458    | 0.28   | cps   |
| Antimony   | 121-1 | 11380   | 10704   | 11013   | 11033   | 3.07   | cps   |
| Arsenic    | 75-2  | 232     | 240     | 235     | 236     | 1.71   | cps   |
| Barium     | 135-1 | 15326   | 15017   | 14633   | 14992   | 2.31   | cps   |
| Barium     | 137-1 | 26644   | 26176   | 26076   | 26298   | 1.15   | cps   |
| Beryllium  | 9-1   | 3084    | 2964    | 3028    | 3025    | 1.98   | cps   |
| Bismuth    | 209-1 | 4884061 | 4593413 | 4794391 | 4757289 | 3.13   | cps   |
| Bismuth    | 209-2 | 2154056 | 2178943 | 2126875 | 2153291 | 1.21   | cps   |
| Boron      | 10-1  | 14220   | 14204   | 14378   | 14268   | 0.67   | cps   |
| Boron      | 11-1  | 59597   | 62847   | 63398   | 61947   | 3.32   | cps   |
| Bromine    | 81-1  | 41847   | 39557   | 36355   | 39253   | 7.03   | cps   |
| Cadmium    | 111-1 | 2454    | 2233    | 2508    | 2398    | 6.09   | cps   |
| Cadmium    | 106-1 | 3384    | 3476    | 3676    | 3512    | 4.25   | cps   |
| Cadmium    | 108-1 | 229     | 167     | 188     | 194     | 16.37  | cps   |
| Calcium    | 43-1  | 12719   | 13011   | 12606   | 12779   | 1.63   | cps   |
| Calcium    | 44-1  | 208315  | 209653  | 205054  | 207674  | 1.14   | cps   |
| Carbon     | 12-1  | 6059794 | 5924285 | 5788385 | 5924154 | 2.29   | cps   |
| Carbon     | 12-2  | 64208   | 63387   | 62057   | 63217   | 1.72   | cps   |
| Chlorine   | 35-1  | 698574  | 680667  | 679042  | 686095  | 1.58   | cps   |
| Chlorine   | 35-2  | 6176    | 6402    | 6743    | 6440    | 4.43   | cps   |
| Chromium   | 52-2  | 4467    | 4464    | 4464    | 4465    | 0.04   | cps   |
| Cobalt     | 59-2  | 3194    | 3427    | 3374    | 3332    | 3.67   | cps   |
| Copper     | 63-2  | 5491    | 5561    | 5584    | 5546    | 0.88   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 67      | 117     | 42      | 75      | 50.92  | cps   |
| Erbium     | 164-2 | 13      | 17      | 37      | 22      | 56.80  | cps   |
| Gadolinium | 160-1 | 100     | 75      | 25      | 67      | 57.28  | cps   |
| Gadolinium | 160-2 | 43      | 60      | 53      | 52      | 16.07  | cps   |
| Holmium    | 165-1 | 7888474 | 7576984 | 7722664 | 7729374 | 2.02   | cps   |
| Holmium    | 165-2 | 3162672 | 3195976 | 3229447 | 3196032 | 1.04   | cps   |
| Indium     | 115-1 | 7247736 | 7120391 | 7045315 | 7137814 | 1.43   | cps   |
| Indium     | 115-2 | 1209226 | 1198447 | 1194050 | 1200574 | 0.65   | cps   |
| Iron       | 54-2  | 5090    | 5262    | 4745    | 5032    | 5.23   | cps   |
| Iron       | 56-2  | 83880   | 85075   | 84656   | 84537   | 0.72   | cps   |
| Iron       | 57-2  | 2100    | 2239    | 2322    | 2221    | 5.06   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3944    | 4171    | 3919    | 4011    | 3.47   | cps   |
| Lead       | 206-1 | 5079    | 4790    | 5034    | 4968    | 3.13   | cps   |
| Lead       | 207-1 | 4240    | 4267    | 4423    | 4310    | 2.29   | cps   |
| Lead       | 208-1 | 19851   | 19762   | 20012   | 19875   | 0.64   | cps   |
| Lithium    | 6-1   | 4775424 | 4673750 | 4426894 | 4625356 | 3.88   | cps   |
| Magnesium  | 24-2  | 85738   | 84789   | 82770   | 84432   | 1.80   | cps   |
| Manganese  | 55-2  | 1247    | 1247    | 1187    | 1227    | 2.82   | cps   |
| Molybdenum | 94-1  | 13907   | 13465   | 13123   | 13499   | 2.91   | cps   |
| Molybdenum | 95-1  | 16677   | 17244   | 17236   | 17053   | 1.91   | cps   |
| Molybdenum | 96-1  | 20307   | 19314   | 18671   | 19431   | 4.24   | cps   |
| Molybdenum | 97-1  | 10546   | 10479   | 10846   | 10624   | 1.84   | cps   |
| Molybdenum | 98-1  | 27336   | 27987   | 27135   | 27486   | 1.62   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 913     | 913     | 987     | 938     | 4.52   | cps   |
| Phosphorus | 31-2  | 192     | 200     | 167     | 186     | 9.32   | cps   |
| Potassium  | 39-2  | 93142   | 91255   | 90266   | 91554   | 1.60   | cps   |
| Rhodium    | 103-1 | 6752074 | 6592178 | 6692237 | 6678830 | 1.21   | cps   |
| Rhodium    | 103-2 | 2778185 | 2877794 | 2782053 | 2812677 | 2.01   | cps   |
| Scandium   | 45-1  | 5322945 | 5325527 | 5228800 | 5292424 | 1.04   | cps   |
| Scandium   | 45-2  | 188807  | 185864  | 189610  | 188094  | 1.05   | cps   |
| Selenium   | 82-1  | 706     | 444     | 915     | 688     | 34.31  | cps   |
| Selenium   | 77-2  | 37      | 47      | 37      | 40      | 14.43  | cps   |
| Selenium   | 78-2  | 187     | 235     | 239     | 220     | 13.13  | cps   |
| Silicon    | 28-1  | 490249  | 488931  | 478659  | 485946  | 1.31   | cps   |
| Silver     | 107-1 | 8511    | 9212    | 8478    | 8734    | 4.74   | cps   |
| Silver     | 109-1 | 8811    | 8378    | 8853    | 8681    | 3.03   | cps   |
| Sodium     | 23-2  | 170314  | 171907  | 169818  | 170680  | 0.64   | cps   |
| Strontium  | 86-1  | 9078    | 8903    | 8911    | 8964    | 1.10   | cps   |
| Strontium  | 88-1  | 19982   | 19314   | 21108   | 20134   | 4.50   | cps   |
| Sulfur     | 34-1  | 224985  | 226898  | 223087  | 224990  | 0.85   | cps   |
| Terbium    | 159-1 | 8353446 | 7897415 | 8012592 | 8087818 | 2.93   | cps   |
| Terbium    | 159-2 | 3163589 | 3214284 | 3157330 | 3178401 | 0.98   | cps   |
| Thallium   | 203-1 | 5877    | 5643    | 5827    | 5782    | 2.13   | cps   |
| Thallium   | 205-1 | 13941   | 14200   | 14233   | 14125   | 1.13   | cps   |
| Tin        | 118-1 | 27111   | 27704   | 27178   | 27331   | 1.19   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 14:38:37 | DataFile Name :   | 022LLIC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6185     | 5660     | 6285     | 6043     | 5.56   | cps   |
| Uranium   | 238-1 | 16252    | 15977    | 15860    | 16030    | 1.26   | cps   |
| Vanadium  | 51-2  | 7812     | 8082     | 7695     | 7863     | 2.52   | cps   |
| Ytterbium | 172-1 | 33       | 58       | 42       | 44       | 28.64  | cps   |
| Ytterbium | 172-2 | 28       | 33       | 22       | 28       | 20.00  | cps   |
| Ytterbium | 176-1 | 983      | 1033     | 1075     | 1031     | 4.45   | cps   |
| Ytterbium | 176-2 | 3545     | 3712     | 3773     | 3677     | 3.21   | cps   |
| Yttrium   | 89-1  | 12470161 | 11891982 | 11850848 | 12070997 | 2.87   | cps   |
| Yttrium   | 89-2  | 1517439  | 1580189  | 1536315  | 1544648  | 2.08   | cps   |
| Zinc      | 66-2  | 793      | 793      | 777      | 788      | 1.22   | cps   |
| Zirconium | 90-1  | 11789    | 12664    | 12214    | 12222    | 3.58   | cps   |
| Zirconium | 91-1  | 2467     | 2492     | 2809     | 2589     | 7.36   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-03 Instrumnet Name : P8  
 Client Sample ID : MDL-SOIL-03-QT1-2022 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:03:50 DataFile Name : 023AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 414     | 432     | 386     | 411     | 5.66   | cps   |
| Antimony   | 121-1 | 1692    | 1742    | 1392    | 1608    | 11.77  | cps   |
| Arsenic    | 75-2  | 56      | 47      | 42      | 48      | 14.69  | cps   |
| Barium     | 135-1 | 2109    | 1917    | 2042    | 2022    | 4.81   | cps   |
| Barium     | 137-1 | 3851    | 3726    | 3576    | 3717    | 3.71   | cps   |
| Beryllium  | 9-1   | 834     | 856     | 750     | 813     | 6.88   | cps   |
| Bismuth    | 209-1 | 4580025 | 4718128 | 4733333 | 4677162 | 1.81   | cps   |
| Bismuth    | 209-2 | 2105708 | 2119525 | 2114529 | 2113254 | 0.33   | cps   |
| Boron      | 10-1  | 2174    | 2152    | 2032    | 2119    | 3.61   | cps   |
| Boron      | 11-1  | 9193    | 9083    | 9029    | 9102    | 0.92   | cps   |
| Bromine    | 81-1  | 41024   | 43151   | 40762   | 41646   | 3.15   | cps   |
| Cadmium    | 111-1 | 968     | 926     | 985     | 960     | 3.15   | cps   |
| Cadmium    | 106-1 | 2925    | 2750    | 3275    | 2984    | 8.96   | cps   |
| Cadmium    | 108-1 | 138     | 171     | 183     | 164     | 14.46  | cps   |
| Calcium    | 43-1  | 1015    | 1181    | 882     | 1026    | 14.59  | cps   |
| Calcium    | 44-1  | 20535   | 20802   | 17809   | 19715   | 8.40   | cps   |
| Carbon     | 12-1  | 6174080 | 5954146 | 5802775 | 5977000 | 3.12   | cps   |
| Carbon     | 12-2  | 64585   | 62902   | 63019   | 63502   | 1.48   | cps   |
| Chlorine   | 35-1  | 231142  | 233315  | 227298  | 230585  | 1.32   | cps   |
| Chlorine   | 35-2  | 2134    | 2034    | 2250    | 2139    | 5.07   | cps   |
| Chromium   | 52-2  | 1237    | 1363    | 1503    | 1368    | 9.75   | cps   |
| Cobalt     | 59-2  | 893     | 860     | 863     | 872     | 2.10   | cps   |
| Copper     | 63-2  | 1697    | 1650    | 1690    | 1679    | 1.50   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 8       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 25      | 58      | 47      | 40.75  | cps   |
| Erbium     | 164-2 | 20      | 17      | 33      | 23      | 37.78  | cps   |
| Gadolinium | 160-1 | 8       | 42      | 25      | 25      | 66.68  | cps   |
| Gadolinium | 160-2 | 53      | 53      | 60      | 56      | 6.93   | cps   |
| Holmium    | 165-1 | 7509029 | 7672597 | 7613956 | 7598527 | 1.09   | cps   |
| Holmium    | 165-2 | 3134133 | 3112762 | 3162321 | 3136405 | 0.79   | cps   |
| Indium     | 115-1 | 7010181 | 6964574 | 6986042 | 6986933 | 0.33   | cps   |
| Indium     | 115-2 | 1185027 | 1186063 | 1180372 | 1183821 | 0.26   | cps   |
| Iron       | 54-2  | 1711    | 1678    | 1533    | 1641    | 5.76   | cps   |
| Iron       | 56-2  | 24115   | 23909   | 24455   | 24160   | 1.14   | cps   |
| Iron       | 57-2  | 683     | 650     | 733     | 689     | 6.09   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT1-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:03:50  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4064    | 4024    | 4051    | 4046    | 0.51   | cps   |
| Lead       | 206-1 | 2122    | 2134    | 1845    | 2034    | 8.05   | cps   |
| Lead       | 207-1 | 1700    | 1911    | 1478    | 1696    | 12.78  | cps   |
| Lead       | 208-1 | 8318    | 8523    | 7040    | 7960    | 10.10  | cps   |
| Lithium    | 6-1   | 4608373 | 4580798 | 4397378 | 4528850 | 2.53   | cps   |
| Magnesium  | 24-2  | 4534    | 4484    | 4467    | 4495    | 0.77   | cps   |
| Manganese  | 55-2  | 497     | 623     | 667     | 596     | 14.83  | cps   |
| Molybdenum | 94-1  | 4176    | 4609    | 4251    | 4345    | 5.33   | cps   |
| Molybdenum | 95-1  | 5543    | 5518    | 5068    | 5376    | 4.97   | cps   |
| Molybdenum | 96-1  | 6668    | 6402    | 5693    | 6254    | 8.06   | cps   |
| Molybdenum | 97-1  | 3359    | 3751    | 3542    | 3551    | 5.52   | cps   |
| Molybdenum | 98-1  | 8336    | 9704    | 7936    | 8659    | 10.71  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 20      | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 200     | 223     | 270     | 231     | 15.42  | cps   |
| Phosphorus | 31-2  | 125     | 125     | 175     | 142     | 20.38  | cps   |
| Potassium  | 39-2  | 21057   | 21199   | 21517   | 21258   | 1.11   | cps   |
| Rhodium    | 103-1 | 6715891 | 6723131 | 6544511 | 6661178 | 1.52   | cps   |
| Rhodium    | 103-2 | 2763010 | 2754451 | 2781861 | 2766441 | 0.51   | cps   |
| Scandium   | 45-1  | 5224197 | 5278721 | 5453524 | 5318814 | 2.25   | cps   |
| Scandium   | 45-2  | 184419  | 182919  | 185244  | 184194  | 0.64   | cps   |
| Selenium   | 82-1  | 211     | 303     | 325     | 280     | 21.54  | cps   |
| Selenium   | 77-2  | 7       | 17      | 17      | 13      | 43.29  | cps   |
| Selenium   | 78-2  | 149     | 133     | 170     | 151     | 12.32  | cps   |
| Silicon    | 28-1  | 417676  | 421284  | 415374  | 418111  | 0.71   | cps   |
| Silver     | 107-1 | 2075    | 2375    | 2325    | 2259    | 7.12   | cps   |
| Silver     | 109-1 | 2009    | 2084    | 1925    | 2006    | 3.95   | cps   |
| Sodium     | 23-2  | 20765   | 21416   | 20765   | 20982   | 1.79   | cps   |
| Strontium  | 86-1  | 7119    | 6835    | 6819    | 6924    | 2.44   | cps   |
| Strontium  | 88-1  | 5460    | 5518    | 5334    | 5437    | 1.72   | cps   |
| Sulfur     | 34-1  | 242131  | 243893  | 241723  | 242582  | 0.48   | cps   |
| Terbium    | 159-1 | 7992338 | 8101677 | 8227806 | 8107274 | 1.45   | cps   |
| Terbium    | 159-2 | 3109884 | 3076817 | 3172111 | 3119604 | 1.55   | cps   |
| Thallium   | 203-1 | 1842    | 1750    | 1633    | 1742    | 6.00   | cps   |
| Thallium   | 205-1 | 3742    | 4092    | 3951    | 3928    | 4.48   | cps   |
| Tin        | 118-1 | 1759    | 1967    | 1675    | 1800    | 8.35   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT1-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:03:50  | DataFile Name :   | 023AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2325     | 2100     | 1775     | 2067     | 13.38  | cps   |
| Uranium   | 238-1 | 4076     | 4434     | 3926     | 4145     | 6.30   | cps   |
| Vanadium  | 51-2  | 410      | 370      | 407      | 396      | 5.61   | cps   |
| Ytterbium | 172-1 | 25       | 33       | 42       | 33       | 25.01  | cps   |
| Ytterbium | 172-2 | 22       | 17       | 17       | 19       | 17.30  | cps   |
| Ytterbium | 176-1 | 850      | 1075     | 1042     | 989      | 12.28  | cps   |
| Ytterbium | 176-2 | 3634     | 3884     | 3767     | 3762     | 3.33   | cps   |
| Yttrium   | 89-1  | 11840766 | 12050087 | 12030696 | 11973850 | 0.97   | cps   |
| Yttrium   | 89-2  | 1539944  | 1474419  | 1545456  | 1519940  | 2.60   | cps   |
| Zinc      | 66-2  | 273      | 227      | 267      | 256      | 9.88   | cps   |
| Zirconium | 90-1  | 3309     | 3667     | 3267     | 3414     | 6.44   | cps   |
| Zirconium | 91-1  | 667      | 792      | 742      | 733      | 8.58   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-09 Instrumnet Name : P8  
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:06:52 DataFile Name : 024AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 430     | 407     | 424     | 420     | 2.76   | cps   |
| Antimony   | 121-1 | 1708    | 1350    | 1567    | 1542    | 11.71  | cps   |
| Arsenic    | 75-2  | 54      | 60      | 52      | 55      | 7.52   | cps   |
| Barium     | 135-1 | 2150    | 1867    | 1658    | 1892    | 13.05  | cps   |
| Barium     | 137-1 | 3534    | 3109    | 3125    | 3256    | 7.39   | cps   |
| Beryllium  | 9-1   | 802     | 668     | 742     | 737     | 9.10   | cps   |
| Bismuth    | 209-1 | 4257930 | 4650073 | 4627538 | 4511847 | 4.88   | cps   |
| Bismuth    | 209-2 | 2063743 | 2174586 | 2141066 | 2126465 | 2.67   | cps   |
| Boron      | 10-1  | 1878    | 2020    | 2014    | 1970    | 4.08   | cps   |
| Boron      | 11-1  | 8345    | 8391    | 8235    | 8323    | 0.96   | cps   |
| Bromine    | 81-1  | 40130   | 40753   | 40340   | 40408   | 0.79   | cps   |
| Cadmium    | 111-1 | 996     | 1151    | 972     | 1040    | 9.33   | cps   |
| Cadmium    | 106-1 | 2942    | 3576    | 3334    | 3284    | 9.74   | cps   |
| Cadmium    | 108-1 | 138     | 175     | 171     | 161     | 12.76  | cps   |
| Calcium    | 43-1  | 804     | 795     | 811     | 803     | 1.01   | cps   |
| Calcium    | 44-1  | 16559   | 16688   | 16285   | 16510   | 1.25   | cps   |
| Carbon     | 12-1  | 6004497 | 5822370 | 5758858 | 5861908 | 2.18   | cps   |
| Carbon     | 12-2  | 61806   | 64710   | 61488   | 62668   | 2.83   | cps   |
| Chlorine   | 35-1  | 209164  | 209348  | 213128  | 210546  | 1.06   | cps   |
| Chlorine   | 35-2  | 2017    | 2184    | 2125    | 2109    | 4.01   | cps   |
| Chromium   | 52-2  | 1410    | 1373    | 1340    | 1375    | 2.55   | cps   |
| Cobalt     | 59-2  | 823     | 863     | 813     | 833     | 3.18   | cps   |
| Copper     | 63-2  | 1790    | 1830    | 1637    | 1752    | 5.82   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 92      | 83      | 75      | 83      | 10.00  | cps   |
| Erbium     | 164-2 | 17      | 10      | 17      | 14      | 26.66  | cps   |
| Gadolinium | 160-1 | 42      | 67      | 50      | 53      | 24.12  | cps   |
| Gadolinium | 160-2 | 70      | 63      | 57      | 63      | 10.52  | cps   |
| Holmium    | 165-1 | 7021327 | 7730984 | 7757555 | 7503289 | 5.57   | cps   |
| Holmium    | 165-2 | 3028845 | 3150222 | 3117934 | 3099000 | 2.03   | cps   |
| Indium     | 115-1 | 6441027 | 6876480 | 6933443 | 6750316 | 3.99   | cps   |
| Indium     | 115-2 | 1196218 | 1198667 | 1187526 | 1194137 | 0.49   | cps   |
| Iron       | 54-2  | 1795    | 1689    | 1739    | 1741    | 3.03   | cps   |
| Iron       | 56-2  | 24315   | 23676   | 24143   | 24045   | 1.38   | cps   |
| Iron       | 57-2  | 678     | 689     | 700     | 689     | 1.61   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:06:52 | DataFile Name :   | 024AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4094    | 4116    | 4104    | 4105    | 0.27   | cps   |
| Lead       | 206-1 | 1767    | 1717    | 1761    | 1748    | 1.57   | cps   |
| Lead       | 207-1 | 1750    | 1533    | 1422    | 1569    | 10.63  | cps   |
| Lead       | 208-1 | 7323    | 6845    | 6701    | 6956    | 4.68   | cps   |
| Lithium    | 6-1   | 4304750 | 4487951 | 4560140 | 4450947 | 2.96   | cps   |
| Magnesium  | 24-2  | 4192    | 4968    | 4467    | 4543    | 8.65   | cps   |
| Manganese  | 55-2  | 620     | 617     | 617     | 618     | 0.31   | cps   |
| Molybdenum | 94-1  | 4117    | 3809    | 3576    | 3834    | 7.09   | cps   |
| Molybdenum | 95-1  | 4901    | 4568    | 4818    | 4762    | 3.64   | cps   |
| Molybdenum | 96-1  | 5651    | 5568    | 6010    | 5743    | 4.09   | cps   |
| Molybdenum | 97-1  | 3059    | 2792    | 2867    | 2906    | 4.73   | cps   |
| Molybdenum | 98-1  | 7586    | 7152    | 7694    | 7477    | 3.84   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 227     | 320     | 270     | 272     | 17.16  | cps   |
| Phosphorus | 31-2  | 133     | 117     | 125     | 125     | 6.67   | cps   |
| Potassium  | 39-2  | 20590   | 22067   | 21441   | 21366   | 3.47   | cps   |
| Rhodium    | 103-1 | 6155607 | 6538675 | 6621395 | 6438559 | 3.86   | cps   |
| Rhodium    | 103-2 | 2820192 | 2759020 | 2803582 | 2794264 | 1.13   | cps   |
| Scandium   | 45-1  | 4971221 | 5175384 | 5120438 | 5089014 | 2.08   | cps   |
| Scandium   | 45-2  | 183497  | 189755  | 188050  | 187100  | 1.73   | cps   |
| Selenium   | 82-1  | 306     | 296     | 213     | 272     | 18.95  | cps   |
| Selenium   | 77-2  | 13      | 20      | 13      | 16      | 24.76  | cps   |
| Selenium   | 78-2  | 153     | 183     | 178     | 171     | 9.38   | cps   |
| Silicon    | 28-1  | 417480  | 416146  | 411126  | 414917  | 0.81   | cps   |
| Silver     | 107-1 | 2234    | 2300    | 2367    | 2300    | 2.90   | cps   |
| Silver     | 109-1 | 2142    | 2100    | 2100    | 2114    | 1.14   | cps   |
| Sodium     | 23-2  | 20206   | 20999   | 20415   | 20540   | 2.00   | cps   |
| Strontium  | 86-1  | 6768    | 6627    | 7027    | 6807    | 2.98   | cps   |
| Strontium  | 88-1  | 5326    | 5310    | 5184    | 5273    | 1.47   | cps   |
| Sulfur     | 34-1  | 244259  | 245302  | 244350  | 244637  | 0.24   | cps   |
| Terbium    | 159-1 | 7523886 | 7777867 | 7973444 | 7758399 | 2.91   | cps   |
| Terbium    | 159-2 | 3173991 | 3144903 | 3146655 | 3155183 | 0.52   | cps   |
| Thallium   | 203-1 | 1809    | 1784    | 1733    | 1775    | 2.15   | cps   |
| Thallium   | 205-1 | 4109    | 4026    | 3834    | 3990    | 3.54   | cps   |
| Tin        | 118-1 | 1892    | 1725    | 1909    | 1842    | 5.51   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:06:52 | DataFile Name :   | 024AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1834     | 1742     | 1850     | 1808     | 3.23   | cps   |
| Uranium   | 238-1 | 3701     | 4042     | 3642     | 3795     | 5.70   | cps   |
| Vanadium  | 51-2  | 430      | 390      | 407      | 409      | 4.91   | cps   |
| Ytterbium | 172-1 | 33       | 25       | 58       | 39       | 44.61  | cps   |
| Ytterbium | 172-2 | 17       | 17       | 39       | 24       | 53.28  | cps   |
| Ytterbium | 176-1 | 733      | 1133     | 1042     | 970      | 21.62  | cps   |
| Ytterbium | 176-2 | 3656     | 3862     | 3717     | 3745     | 2.82   | cps   |
| Yttrium   | 89-1  | 10953861 | 12209788 | 11670720 | 11611456 | 5.43   | cps   |
| Yttrium   | 89-2  | 1544505  | 1531469  | 1522897  | 1532957  | 0.71   | cps   |
| Zinc      | 66-2  | 223      | 283      | 307      | 271      | 15.86  | cps   |
| Zirconium | 90-1  | 3567     | 3050     | 2884     | 3167     | 11.25  | cps   |
| Zirconium | 91-1  | 675      | 692      | 617      | 661      | 5.96   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-12 Instrumnet Name : P8  
 Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:09:56 DataFile Name : 025AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 425     | 440     | 400     | 422     | 4.79   | cps   |
| Antimony   | 121-1 | 1725    | 1467    | 1442    | 1545    | 10.16  | cps   |
| Arsenic    | 75-2  | 64      | 61      | 55      | 60      | 7.64   | cps   |
| Barium     | 135-1 | 2275    | 1934    | 1834    | 2014    | 11.50  | cps   |
| Barium     | 137-1 | 3225    | 2950    | 3309    | 3162    | 5.93   | cps   |
| Beryllium  | 9-1   | 834     | 704     | 782     | 773     | 8.46   | cps   |
| Bismuth    | 209-1 | 4661272 | 4725945 | 4487736 | 4624984 | 2.66   | cps   |
| Bismuth    | 209-2 | 2129132 | 2139280 | 2130157 | 2132857 | 0.26   | cps   |
| Boron      | 10-1  | 1680    | 1794    | 1748    | 1740    | 3.30   | cps   |
| Boron      | 11-1  | 7663    | 7574    | 7436    | 7558    | 1.51   | cps   |
| Bromine    | 81-1  | 39357   | 41104   | 42961   | 41141   | 4.38   | cps   |
| Cadmium    | 111-1 | 1002    | 1125    | 1053    | 1060    | 5.83   | cps   |
| Cadmium    | 106-1 | 3467    | 3384    | 3442    | 3431    | 1.25   | cps   |
| Cadmium    | 108-1 | 125     | 146     | 188     | 153     | 20.83  | cps   |
| Calcium    | 43-1  | 824     | 801     | 817     | 814     | 1.43   | cps   |
| Calcium    | 44-1  | 16371   | 16311   | 15862   | 16181   | 1.72   | cps   |
| Carbon     | 12-1  | 6020513 | 5884801 | 5726402 | 5877239 | 2.50   | cps   |
| Carbon     | 12-2  | 63539   | 60709   | 62141   | 62130   | 2.28   | cps   |
| Chlorine   | 35-1  | 200525  | 195578  | 198256  | 198120  | 1.25   | cps   |
| Chlorine   | 35-2  | 1867    | 1875    | 1825    | 1856    | 1.44   | cps   |
| Chromium   | 52-2  | 1297    | 1380    | 1300    | 1326    | 3.56   | cps   |
| Cobalt     | 59-2  | 900     | 910     | 860     | 890     | 2.97   | cps   |
| Copper     | 63-2  | 1683    | 1617    | 1613    | 1638    | 2.41   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 58      | 75      | 67      | 67      | 12.50  | cps   |
| Erbium     | 164-2 | 20      | 20      | 27      | 22      | 17.33  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 50      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 70      | 60      | 73      | 68      | 10.24  | cps   |
| Holmium    | 165-1 | 7588199 | 7783059 | 7817715 | 7729658 | 1.60   | cps   |
| Holmium    | 165-2 | 3133745 | 3150721 | 3069446 | 3117971 | 1.38   | cps   |
| Indium     | 115-1 | 6925333 | 7177665 | 6953983 | 7018994 | 1.97   | cps   |
| Indium     | 115-2 | 1188379 | 1196546 | 1199338 | 1194754 | 0.48   | cps   |
| Iron       | 54-2  | 1939    | 1656    | 1700    | 1765    | 8.64   | cps   |
| Iron       | 56-2  | 23698   | 24115   | 23948   | 23920   | 0.88   | cps   |
| Iron       | 57-2  | 689     | 672     | 672     | 678     | 1.42   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:09:56 | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3956    | 4055    | 4019    | 4010    | 1.25   | cps   |
| Lead       | 206-1 | 1711    | 1867    | 1467    | 1682    | 11.99  | cps   |
| Lead       | 207-1 | 1445    | 1545    | 1583    | 1524    | 4.70   | cps   |
| Lead       | 208-1 | 7006    | 7168    | 6756    | 6977    | 2.97   | cps   |
| Lithium    | 6-1   | 4564115 | 4495849 | 4459426 | 4506463 | 1.18   | cps   |
| Magnesium  | 24-2  | 4159    | 4684    | 4401    | 4415    | 5.95   | cps   |
| Manganese  | 55-2  | 613     | 610     | 600     | 608     | 1.14   | cps   |
| Molybdenum | 94-1  | 3859    | 3826    | 3709    | 3798    | 2.07   | cps   |
| Molybdenum | 95-1  | 4701    | 4751    | 4601    | 4684    | 1.63   | cps   |
| Molybdenum | 96-1  | 5143    | 5259    | 5093    | 5165    | 1.66   | cps   |
| Molybdenum | 97-1  | 3059    | 3067    | 2934    | 3020    | 2.47   | cps   |
| Molybdenum | 98-1  | 7652    | 8044    | 7944    | 7880    | 2.58   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 277     | 277     | 247     | 267     | 6.50   | cps   |
| Phosphorus | 31-2  | 117     | 200     | 150     | 156     | 26.96  | cps   |
| Potassium  | 39-2  | 21233   | 21208   | 21133   | 21191   | 0.25   | cps   |
| Rhodium    | 103-1 | 6575782 | 6727290 | 6605443 | 6636172 | 1.21   | cps   |
| Rhodium    | 103-2 | 2756692 | 2835454 | 2737264 | 2776470 | 1.87   | cps   |
| Scandium   | 45-1  | 5191496 | 5368291 | 5293079 | 5284289 | 1.68   | cps   |
| Scandium   | 45-2  | 190590  | 188386  | 185400  | 188125  | 1.38   | cps   |
| Selenium   | 82-1  | 460     | 164     | 270     | 298     | 50.38  | cps   |
| Selenium   | 77-2  | 33      | 10      | 10      | 18      | 75.77  | cps   |
| Selenium   | 78-2  | 143     | 147     | 160     | 150     | 5.92   | cps   |
| Silicon    | 28-1  | 421068  | 421229  | 410878  | 417725  | 1.42   | cps   |
| Silver     | 107-1 | 1992    | 2309    | 2292    | 2197    | 8.11   | cps   |
| Silver     | 109-1 | 2225    | 2217    | 2109    | 2184    | 2.98   | cps   |
| Sodium     | 23-2  | 21316   | 20089   | 20431   | 20612   | 3.07   | cps   |
| Strontium  | 86-1  | 7102    | 7177    | 6910    | 7063    | 1.95   | cps   |
| Strontium  | 88-1  | 5418    | 5059    | 5018    | 5165    | 4.26   | cps   |
| Sulfur     | 34-1  | 245240  | 243224  | 245808  | 244757  | 0.55   | cps   |
| Terbium    | 159-1 | 8025847 | 8170526 | 7809273 | 8001882 | 2.27   | cps   |
| Terbium    | 159-2 | 3160870 | 3185360 | 3168224 | 3171485 | 0.40   | cps   |
| Thallium   | 203-1 | 1683    | 1934    | 1667    | 1761    | 8.48   | cps   |
| Thallium   | 205-1 | 3467    | 4201    | 3917    | 3862    | 9.58   | cps   |
| Tin        | 118-1 | 1959    | 1767    | 1884    | 1870    | 5.17   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT1-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:09:56 | DataFile Name :   | 025AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1725     | 1884     | 1750     | 1786     | 4.77   | cps   |
| Uranium   | 238-1 | 3884     | 3734     | 3492     | 3703     | 5.34   | cps   |
| Vanadium  | 51-2  | 437      | 367      | 410      | 404      | 8.73   | cps   |
| Ytterbium | 172-1 | 67       | 58       | 50       | 58       | 14.29  | cps   |
| Ytterbium | 172-2 | 44       | 33       | 11       | 30       | 57.29  | cps   |
| Ytterbium | 176-1 | 892      | 1117     | 842      | 950      | 15.42  | cps   |
| Ytterbium | 176-2 | 3623     | 3717     | 3745     | 3695     | 1.73   | cps   |
| Yttrium   | 89-1  | 11976619 | 11826144 | 11978428 | 11927064 | 0.73   | cps   |
| Yttrium   | 89-2  | 1500101  | 1556942  | 1496542  | 1517862  | 2.23   | cps   |
| Zinc      | 66-2  | 283      | 307      | 293      | 294      | 3.98   | cps   |
| Zirconium | 90-1  | 3401     | 3451     | 3142     | 3331     | 4.97   | cps   |
| Zirconium | 91-1  | 725      | 733      | 667      | 708      | 5.13   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-01 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:13:34 DataFile Name : 026AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1025    | 996     | 1014    | 1012    | 1.43   | cps   |
| Antimony   | 121-1 | 4376    | 3959    | 3909    | 4081    | 6.28   | cps   |
| Arsenic    | 75-2  | 158     | 148     | 145     | 150     | 4.53   | cps   |
| Barium     | 135-1 | 5093    | 5059    | 5051    | 5068    | 0.44   | cps   |
| Barium     | 137-1 | 8786    | 9112    | 8920    | 8939    | 1.83   | cps   |
| Beryllium  | 9-1   | 2008    | 2168    | 2136    | 2104    | 4.02   | cps   |
| Bismuth    | 209-1 | 4835415 | 4664849 | 4650933 | 4717066 | 2.18   | cps   |
| Bismuth    | 209-2 | 2152412 | 2122573 | 2080055 | 2118347 | 1.72   | cps   |
| Boron      | 10-1  | 1754    | 1716    | 1698    | 1722    | 1.66   | cps   |
| Boron      | 11-1  | 7468    | 7474    | 7610    | 7518    | 1.07   | cps   |
| Bromine    | 81-1  | 40079   | 38614   | 41897   | 40197   | 4.09   | cps   |
| Cadmium    | 111-1 | 1804    | 1834    | 1838    | 1825    | 1.02   | cps   |
| Cadmium    | 106-1 | 3334    | 3609    | 3300    | 3414    | 4.96   | cps   |
| Cadmium    | 108-1 | 179     | 221     | 163     | 188     | 16.03  | cps   |
| Calcium    | 43-1  | 1980    | 1959    | 1976    | 1972    | 0.58   | cps   |
| Calcium    | 44-1  | 35642   | 35202   | 34547   | 35130   | 1.57   | cps   |
| Carbon     | 12-1  | 6014754 | 5881035 | 5713452 | 5869747 | 2.57   | cps   |
| Carbon     | 12-2  | 60224   | 61446   | 61211   | 60960   | 1.06   | cps   |
| Chlorine   | 35-1  | 189918  | 189943  | 190128  | 189996  | 0.06   | cps   |
| Chlorine   | 35-2  | 2075    | 1925    | 1800    | 1934    | 7.12   | cps   |
| Chromium   | 52-2  | 2287    | 2210    | 2144    | 2214    | 3.24   | cps   |
| Cobalt     | 59-2  | 2477    | 2284    | 2527    | 2429    | 5.29   | cps   |
| Copper     | 63-2  | 3661    | 3781    | 3901    | 3781    | 3.17   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 67      | 25      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 17      | 10      | 17      | 14      | 26.66  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 17      | 56      | 62.45  | cps   |
| Gadolinium | 160-2 | 37      | 87      | 43      | 56      | 48.87  | cps   |
| Holmium    | 165-1 | 7621951 | 7647979 | 7586806 | 7618912 | 0.40   | cps   |
| Holmium    | 165-2 | 3030637 | 3124805 | 3106500 | 3087314 | 1.62   | cps   |
| Indium     | 115-1 | 6967358 | 7033370 | 6967259 | 6989329 | 0.55   | cps   |
| Indium     | 115-2 | 1179135 | 1191389 | 1195136 | 1188553 | 0.70   | cps   |
| Iron       | 54-2  | 3723    | 3789    | 3867    | 3793    | 1.91   | cps   |
| Iron       | 56-2  | 60360   | 61042   | 60824   | 60742   | 0.57   | cps   |
| Iron       | 57-2  | 1545    | 1495    | 1467    | 1502    | 2.62   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT1- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:13:34  | DataFile Name :   | 026AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Krypton    | 83-1  | 4048    | 4025    | 4094    | 4056    | 0.86    | cps   |
| Lead       | 206-1 | 3417    | 3439    | 3589    | 3482    | 2.69    | cps   |
| Lead       | 207-1 | 3200    | 3100    | 3006    | 3102    | 3.14    | cps   |
| Lead       | 208-1 | 14209   | 14331   | 14470   | 14337   | 0.91    | cps   |
| Lithium    | 6-1   | 4670067 | 4553754 | 4450567 | 4558129 | 2.41    | cps   |
| Magnesium  | 24-2  | 12205   | 12322   | 11939   | 12155   | 1.62    | cps   |
| Manganese  | 55-2  | 1777    | 1590    | 1543    | 1637    | 7.54    | cps   |
| Molybdenum | 94-1  | 4626    | 4709    | 4234    | 4523    | 5.61    | cps   |
| Molybdenum | 95-1  | 2142    | 2400    | 2275    | 2272    | 5.69    | cps   |
| Molybdenum | 96-1  | 3092    | 3351    | 3292    | 3245    | 4.18    | cps   |
| Molybdenum | 97-1  | 1408    | 1508    | 1308    | 1408    | 7.10    | cps   |
| Molybdenum | 98-1  | 3751    | 3801    | 3442    | 3664    | 5.30    | cps   |
| Neodymium  | 150-1 | 0       | 20      | 20      | 13      | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Nickel     | 60-2  | 663     | 610     | 560     | 611     | 8.46    | cps   |
| Phosphorus | 31-2  | 167     | 158     | 108     | 144     | 21.84   | cps   |
| Potassium  | 39-2  | 24371   | 24755   | 24279   | 24469   | 1.03    | cps   |
| Rhodium    | 103-1 | 6819681 | 6692665 | 6619153 | 6710499 | 1.51    | cps   |
| Rhodium    | 103-2 | 2814959 | 2729615 | 2800414 | 2781662 | 1.64    | cps   |
| Scandium   | 45-1  | 5259353 | 5296630 | 5204450 | 5253478 | 0.88    | cps   |
| Scandium   | 45-2  | 182091  | 186358  | 186037  | 184829  | 1.29    | cps   |
| Selenium   | 82-1  | -63     | 40      | -39     | -20     | -262.80 | cps   |
| Selenium   | 77-2  | 7       | 0       | 7       | 4       | 86.60   | cps   |
| Selenium   | 78-2  | 139     | 128     | 145     | 137     | 6.28    | cps   |
| Silicon    | 28-1  | 428576  | 426824  | 417387  | 424262  | 1.42    | cps   |
| Silver     | 107-1 | 5943    | 6235    | 6051    | 6077    | 2.43    | cps   |
| Silver     | 109-1 | 5818    | 5718    | 5560    | 5699    | 2.29    | cps   |
| Sodium     | 23-2  | 33907   | 33255   | 33756   | 33639   | 1.01    | cps   |
| Strontium  | 86-1  | 7936    | 7969    | 7461    | 7789    | 3.65    | cps   |
| Strontium  | 88-1  | 14733   | 14008   | 14116   | 14285   | 2.74    | cps   |
| Sulfur     | 34-1  | 246409  | 246131  | 246138  | 246226  | 0.06    | cps   |
| Terbium    | 159-1 | 8171777 | 8128223 | 7866046 | 8055348 | 2.05    | cps   |
| Terbium    | 159-2 | 3166107 | 3167421 | 3084135 | 3139221 | 1.52    | cps   |
| Thallium   | 203-1 | 3759    | 3759    | 4026    | 3848    | 4.00    | cps   |
| Thallium   | 205-1 | 8853    | 9721    | 9170    | 9248    | 4.75    | cps   |
| Tin        | 118-1 | 4342    | 4376    | 4076    | 4265    | 3.86    | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT1- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:13:34  | DataFile Name :   | 026AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 933      | 1000     | 1167     | 1033     | 11.63  | cps   |
| Uranium   | 238-1 | 10505    | 10380    | 10638    | 10508    | 1.23   | cps   |
| Vanadium  | 51-2  | 1130     | 1053     | 1060     | 1081     | 3.93   | cps   |
| Ytterbium | 172-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Ytterbium | 172-2 | 28       | 11       | 11       | 17       | 57.75  | cps   |
| Ytterbium | 176-1 | 892      | 1092     | 1092     | 1025     | 11.27  | cps   |
| Ytterbium | 176-2 | 3245     | 3823     | 3878     | 3649     | 9.61   | cps   |
| Yttrium   | 89-1  | 12201515 | 11807148 | 11734946 | 11914536 | 2.11   | cps   |
| Yttrium   | 89-2  | 1480874  | 1524033  | 1558090  | 1520999  | 2.54   | cps   |
| Zinc      | 66-2  | 553      | 523      | 590      | 556      | 6.01   | cps   |
| Zirconium | 90-1  | 8486     | 8236     | 8369     | 8364     | 1.50   | cps   |
| Zirconium | 91-1  | 1759     | 1767     | 1625     | 1717     | 4.63   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : N1645-07 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 15:16:39 DataFile Name : 027AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1015    | 1014    | 1012    | 1014    | 0.12   | cps   |
| Antimony   | 121-1 | 3634    | 4434    | 3876    | 3981    | 10.31  | cps   |
| Arsenic    | 75-2  | 148     | 187     | 165     | 167     | 11.73  | cps   |
| Barium     | 135-1 | 4793    | 4943    | 5226    | 4987    | 4.41   | cps   |
| Barium     | 137-1 | 9312    | 9137    | 9470    | 9306    | 1.79   | cps   |
| Beryllium  | 9-1   | 2012    | 2092    | 2060    | 2054    | 1.96   | cps   |
| Bismuth    | 209-1 | 4605590 | 4625310 | 4628828 | 4619909 | 0.27   | cps   |
| Bismuth    | 209-2 | 2064586 | 2148241 | 2058727 | 2090518 | 2.40   | cps   |
| Boron      | 10-1  | 1684    | 1624    | 1638    | 1648    | 1.90   | cps   |
| Boron      | 11-1  | 6844    | 6962    | 6976    | 6928    | 1.05   | cps   |
| Bromine    | 81-1  | 40230   | 40260   | 40380   | 40290   | 0.20   | cps   |
| Cadmium    | 111-1 | 1864    | 1914    | 1771    | 1850    | 3.95   | cps   |
| Cadmium    | 106-1 | 3234    | 3642    | 3234    | 3370    | 7.00   | cps   |
| Cadmium    | 108-1 | 142     | 133     | 204     | 160     | 24.24  | cps   |
| Calcium    | 43-1  | 2101    | 1892    | 2047    | 2014    | 5.38   | cps   |
| Calcium    | 44-1  | 35463   | 35180   | 35226   | 35289   | 0.43   | cps   |
| Carbon     | 12-1  | 6014339 | 5891845 | 5632207 | 5846130 | 3.34   | cps   |
| Carbon     | 12-2  | 61847   | 60090   | 63430   | 61789   | 2.70   | cps   |
| Chlorine   | 35-1  | 176137  | 180061  | 180552  | 178917  | 1.35   | cps   |
| Chlorine   | 35-2  | 1959    | 1850    | 1733    | 1847    | 6.09   | cps   |
| Chromium   | 52-2  | 2294    | 2467    | 2234    | 2331    | 5.20   | cps   |
| Cobalt     | 59-2  | 2507    | 2450    | 2407    | 2455    | 2.04   | cps   |
| Copper     | 63-2  | 3777    | 3807    | 3871    | 3818    | 1.25   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 67      | 17      | 47      | 56.72  | cps   |
| Erbium     | 164-2 | 13      | 37      | 20      | 23      | 51.52  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 43      | 70      | 50      | 54      | 25.49  | cps   |
| Holmium    | 165-1 | 7726336 | 7424559 | 7579896 | 7576930 | 1.99   | cps   |
| Holmium    | 165-2 | 3129552 | 3118636 | 3195404 | 3147864 | 1.32   | cps   |
| Indium     | 115-1 | 7126344 | 7007891 | 7000981 | 7045072 | 1.00   | cps   |
| Indium     | 115-2 | 1176152 | 1203328 | 1201881 | 1193787 | 1.28   | cps   |
| Iron       | 54-2  | 3828    | 3862    | 3867    | 3852    | 0.55   | cps   |
| Iron       | 56-2  | 61823   | 62275   | 61052   | 61717   | 1.00   | cps   |
| Iron       | 57-2  | 1795    | 1750    | 1756    | 1767    | 1.37   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:16:39 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4023    | 3929    | 3824    | 3925    | 2.53   | cps   |
| Lead       | 206-1 | 3578    | 3695    | 3312    | 3528    | 5.57   | cps   |
| Lead       | 207-1 | 3156    | 3345    | 3217    | 3239    | 2.98   | cps   |
| Lead       | 208-1 | 14531   | 15026   | 14615   | 14724   | 1.80   | cps   |
| Lithium    | 6-1   | 4782643 | 4637660 | 4549925 | 4656743 | 2.52   | cps   |
| Magnesium  | 24-2  | 12514   | 12256   | 11722   | 12164   | 3.32   | cps   |
| Manganese  | 55-2  | 1650    | 1680    | 1823    | 1718    | 5.39   | cps   |
| Molybdenum | 94-1  | 4634    | 4784    | 4409    | 4609    | 4.10   | cps   |
| Molybdenum | 95-1  | 2242    | 2500    | 2392    | 2378    | 5.46   | cps   |
| Molybdenum | 96-1  | 3167    | 3342    | 3667    | 3392    | 7.48   | cps   |
| Molybdenum | 97-1  | 1500    | 1775    | 1508    | 1595    | 9.81   | cps   |
| Molybdenum | 98-1  | 4242    | 3601    | 4084    | 3976    | 8.41   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 0       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 640     | 627     | 667     | 644     | 3.16   | cps   |
| Phosphorus | 31-2  | 225     | 125     | 125     | 158     | 36.46  | cps   |
| Potassium  | 39-2  | 24838   | 25181   | 25523   | 25181   | 1.36   | cps   |
| Rhodium    | 103-1 | 6714522 | 6665964 | 6681094 | 6687193 | 0.37   | cps   |
| Rhodium    | 103-2 | 2759807 | 2776015 | 2823885 | 2786569 | 1.20   | cps   |
| Scandium   | 45-1  | 5275114 | 5359856 | 5200730 | 5278567 | 1.51   | cps   |
| Scandium   | 45-2  | 186007  | 187515  | 188651  | 187391  | 0.71   | cps   |
| Selenium   | 82-1  | -36     | 33      | 310     | 102     | 179.57 | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 146     | 131     | 137     | 138     | 5.47   | cps   |
| Silicon    | 28-1  | 424798  | 423557  | 418843  | 422400  | 0.74   | cps   |
| Silver     | 107-1 | 6052    | 6835    | 6285    | 6391    | 6.30   | cps   |
| Silver     | 109-1 | 5410    | 6027    | 5935    | 5790    | 5.75   | cps   |
| Sodium     | 23-2  | 34583   | 34141   | 35519   | 34748   | 2.03   | cps   |
| Strontium  | 86-1  | 7752    | 8261    | 8028    | 8014    | 3.18   | cps   |
| Strontium  | 88-1  | 13765   | 14241   | 14191   | 14066   | 1.86   | cps   |
| Sulfur     | 34-1  | 250207  | 247484  | 247621  | 248437  | 0.62   | cps   |
| Terbium    | 159-1 | 8125231 | 8336601 | 8248042 | 8236625 | 1.29   | cps   |
| Terbium    | 159-2 | 3131289 | 3126855 | 3158552 | 3138899 | 0.55   | cps   |
| Thallium   | 203-1 | 4142    | 3901    | 4042    | 4029    | 3.01   | cps   |
| Thallium   | 205-1 | 9287    | 9621    | 9662    | 9523    | 2.16   | cps   |
| Tin        | 118-1 | 4167    | 4484    | 4226    | 4292    | 3.93   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:16:39 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 958      | 858      | 975      | 931      | 6.78   | cps   |
| Uranium   | 238-1 | 11389    | 11088    | 11180    | 11219    | 1.37   | cps   |
| Vanadium  | 51-2  | 1087     | 1230     | 1097     | 1138     | 7.03   | cps   |
| Ytterbium | 172-1 | 58       | 75       | 50       | 61       | 20.83  | cps   |
| Ytterbium | 172-2 | 17       | 17       | 22       | 19       | 17.30  | cps   |
| Ytterbium | 176-1 | 1125     | 1133     | 992      | 1083     | 7.34   | cps   |
| Ytterbium | 176-2 | 3556     | 4062     | 3784     | 3801     | 6.66   | cps   |
| Yttrium   | 89-1  | 11983428 | 11994973 | 11611445 | 11863282 | 1.84   | cps   |
| Yttrium   | 89-2  | 1489309  | 1578656  | 1550597  | 1539521  | 2.97   | cps   |
| Zinc      | 66-2  | 550      | 650      | 580      | 593      | 8.65   | cps   |
| Zirconium | 90-1  | 8003     | 7727     | 8561     | 8097     | 5.25   | cps   |
| Zirconium | 91-1  | 1809     | 1750     | 1675     | 1745     | 3.83   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1084    | 1094    | 1124    | 1100    | 1.89   | cps   |
| Antimony   | 121-1 | 3676    | 3926    | 3917    | 3840    | 3.70   | cps   |
| Arsenic    | 75-2  | 158     | 170     | 142     | 157     | 8.97   | cps   |
| Barium     | 135-1 | 5385    | 5193    | 5735    | 5437    | 5.05   | cps   |
| Barium     | 137-1 | 9253    | 9529    | 9103    | 9295    | 2.32   | cps   |
| Beryllium  | 9-1   | 2090    | 2166    | 2210    | 2155    | 2.82   | cps   |
| Bismuth    | 209-1 | 4632425 | 4650210 | 4484413 | 4589016 | 1.98   | cps   |
| Bismuth    | 209-2 | 2092588 | 2263354 | 2168836 | 2174926 | 3.93   | cps   |
| Boron      | 10-1  | 1534    | 1496    | 1538    | 1522    | 1.52   | cps   |
| Boron      | 11-1  | 6582    | 6538    | 6456    | 6526    | 0.98   | cps   |
| Bromine    | 81-1  | 40141   | 39257   | 40320   | 39906   | 1.43   | cps   |
| Cadmium    | 111-1 | 1776    | 1776    | 1869    | 1807    | 2.95   | cps   |
| Cadmium    | 106-1 | 3392    | 3350    | 3401    | 3381    | 0.79   | cps   |
| Cadmium    | 108-1 | 200     | 271     | 225     | 232     | 15.49  | cps   |
| Calcium    | 43-1  | 2056    | 2027    | 2005    | 2029    | 1.27   | cps   |
| Calcium    | 44-1  | 36238   | 35671   | 36079   | 35996   | 0.81   | cps   |
| Carbon     | 12-1  | 5968299 | 5828064 | 5642074 | 5812812 | 2.82   | cps   |
| Carbon     | 12-2  | 61999   | 62894   | 60015   | 61636   | 2.39   | cps   |
| Chlorine   | 35-1  | 171053  | 170911  | 171786  | 171250  | 0.27   | cps   |
| Chlorine   | 35-2  | 1542    | 1725    | 1558    | 1608    | 6.30   | cps   |
| Chromium   | 52-2  | 2254    | 2407    | 2320    | 2327    | 3.30   | cps   |
| Cobalt     | 59-2  | 2487    | 2537    | 2337    | 2454    | 4.24   | cps   |
| Copper     | 63-2  | 3814    | 3811    | 3954    | 3859    | 2.12   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 58      | 75      | 83      | 72      | 17.63  | cps   |
| Erbium     | 164-2 | 17      | 27      | 30      | 24      | 28.38  | cps   |
| Gadolinium | 160-1 | 33      | 108     | 58      | 67      | 57.29  | cps   |
| Gadolinium | 160-2 | 63      | 77      | 70      | 70      | 9.53   | cps   |
| Holmium    | 165-1 | 7730224 | 7666808 | 7985660 | 7794231 | 2.17   | cps   |
| Holmium    | 165-2 | 3147507 | 3066583 | 3172757 | 3128949 | 1.77   | cps   |
| Indium     | 115-1 | 7115123 | 7129483 | 6878659 | 7041088 | 2.00   | cps   |
| Indium     | 115-2 | 1197643 | 1213654 | 1210193 | 1207163 | 0.70   | cps   |
| Iron       | 54-2  | 3923    | 3984    | 3617    | 3841    | 5.12   | cps   |
| Iron       | 56-2  | 63073   | 63424   | 62280   | 62925   | 0.93   | cps   |
| Iron       | 57-2  | 1722    | 1922    | 1606    | 1750    | 9.15   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3943    | 4049    | 3948    | 3980    | 1.51   | cps   |
| Lead       | 206-1 | 3790    | 3556    | 3684    | 3677    | 3.18   | cps   |
| Lead       | 207-1 | 3078    | 3234    | 3456    | 3256    | 5.83   | cps   |
| Lead       | 208-1 | 14798   | 14720   | 14920   | 14813   | 0.68   | cps   |
| Lithium    | 6-1   | 4549174 | 4534724 | 4591304 | 4558401 | 0.64   | cps   |
| Magnesium  | 24-2  | 13231   | 12589   | 13006   | 12942   | 2.52   | cps   |
| Manganese  | 55-2  | 1700    | 1567    | 1583    | 1617    | 4.49   | cps   |
| Molybdenum | 94-1  | 4751    | 4634    | 4401    | 4595    | 3.88   | cps   |
| Molybdenum | 95-1  | 2525    | 2575    | 2634    | 2578    | 2.10   | cps   |
| Molybdenum | 96-1  | 3234    | 3392    | 3384    | 3337    | 2.67   | cps   |
| Molybdenum | 97-1  | 1158    | 1400    | 1708    | 1422    | 19.38  | cps   |
| Molybdenum | 98-1  | 3917    | 3992    | 3801    | 3903    | 2.47   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 697     | 650     | 667     | 671     | 3.52   | cps   |
| Phosphorus | 31-2  | 233     | 225     | 183     | 214     | 12.52  | cps   |
| Potassium  | 39-2  | 24221   | 24738   | 25239   | 24733   | 2.06   | cps   |
| Rhodium    | 103-1 | 6755291 | 6714487 | 6712040 | 6727273 | 0.36   | cps   |
| Rhodium    | 103-2 | 2776015 | 2873295 | 2795250 | 2814854 | 1.83   | cps   |
| Scandium   | 45-1  | 5384206 | 5384136 | 5271802 | 5346715 | 1.21   | cps   |
| Scandium   | 45-2  | 188457  | 191901  | 191629  | 190662  | 1.00   | cps   |
| Selenium   | 82-1  | 31      | -21     | 285     | 98      | 166.55 | cps   |
| Selenium   | 77-2  | 13      | 17      | 3       | 11      | 62.48  | cps   |
| Selenium   | 78-2  | 145     | 124     | 132     | 134     | 7.93   | cps   |
| Silicon    | 28-1  | 425857  | 428554  | 420775  | 425062  | 0.93   | cps   |
| Silver     | 107-1 | 5885    | 6443    | 6393    | 6240    | 4.95   | cps   |
| Silver     | 109-1 | 6152    | 6068    | 6026    | 6082    | 1.05   | cps   |
| Sodium     | 23-2  | 33339   | 35360   | 34333   | 34344   | 2.94   | cps   |
| Strontium  | 86-1  | 7652    | 7869    | 8027    | 7850    | 2.40   | cps   |
| Strontium  | 88-1  | 13582   | 14441   | 14316   | 14113   | 3.29   | cps   |
| Sulfur     | 34-1  | 247513  | 248393  | 248037  | 247981  | 0.18   | cps   |
| Terbium    | 159-1 | 8064070 | 7927261 | 8029292 | 8006874 | 0.89   | cps   |
| Terbium    | 159-2 | 3145067 | 3201035 | 3197495 | 3181199 | 0.99   | cps   |
| Thallium   | 203-1 | 3934    | 4117    | 3884    | 3979    | 3.09   | cps   |
| Thallium   | 205-1 | 9337    | 9487    | 9529    | 9451    | 1.07   | cps   |
| Tin        | 118-1 | 4593    | 4042    | 4418    | 4351    | 6.46   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1645-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:19:41 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 917      | 1275     | 1075     | 1089     | 16.49  | cps   |
| Uranium   | 238-1 | 10713    | 10780    | 11255    | 10916    | 2.71   | cps   |
| Vanadium  | 51-2  | 1153     | 1157     | 1177     | 1162     | 1.09   | cps   |
| Ytterbium | 172-1 | 83       | 50       | 25       | 53       | 55.46  | cps   |
| Ytterbium | 172-2 | 6        | 22       | 39       | 22       | 74.99  | cps   |
| Ytterbium | 176-1 | 900      | 1050     | 958      | 970      | 7.80   | cps   |
| Ytterbium | 176-2 | 3534     | 3756     | 3840     | 3710     | 4.26   | cps   |
| Yttrium   | 89-1  | 11783563 | 12098935 | 11750456 | 11877651 | 1.62   | cps   |
| Yttrium   | 89-2  | 1546675  | 1560009  | 1539235  | 1548640  | 0.68   | cps   |
| Zinc      | 66-2  | 560      | 607      | 637      | 601      | 6.43   | cps   |
| Zirconium | 90-1  | 8303     | 8511     | 8194     | 8336     | 1.93   | cps   |
| Zirconium | 91-1  | 2034     | 1800     | 1917     | 1917     | 6.09   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT1-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:22:46 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 660     | 590     | 637     | 629     | 5.68   | cps   |
| Antimony   | 121-1 | 4151    | 4092    | 4893    | 4379    | 10.19  | cps   |
| Arsenic    | 75-2  | 94      | 108     | 101     | 101     | 6.93   | cps   |
| Barium     | 135-1 | 6135    | 5918    | 5943    | 5999    | 1.98   | cps   |
| Barium     | 137-1 | 10454   | 10696   | 10688   | 10613   | 1.29   | cps   |
| Beryllium  | 9-1   | 1220    | 1226    | 1218    | 1221    | 0.34   | cps   |
| Bismuth    | 209-1 | 5220326 | 4764096 | 4664575 | 4882999 | 6.07   | cps   |
| Bismuth    | 209-2 | 2125944 | 2155000 | 2118015 | 2132986 | 0.91   | cps   |
| Boron      | 10-1  | 4250    | 4574    | 4688    | 4504    | 5.05   | cps   |
| Boron      | 11-1  | 18528   | 18999   | 20216   | 19248   | 4.53   | cps   |
| Bromine    | 81-1  | 42750   | 40963   | 40200   | 41304   | 3.17   | cps   |
| Cadmium    | 111-1 | 1361    | 1343    | 1251    | 1318    | 4.44   | cps   |
| Cadmium    | 106-1 | 3901    | 3717    | 3192    | 3603    | 10.21  | cps   |
| Cadmium    | 108-1 | 171     | 192     | 196     | 186     | 7.20   | cps   |
| Calcium    | 43-1  | 5448    | 5435    | 5309    | 5397    | 1.42   | cps   |
| Calcium    | 44-1  | 88036   | 88193   | 88395   | 88208   | 0.20   | cps   |
| Carbon     | 12-1  | 6004619 | 5830082 | 5706880 | 5847193 | 2.56   | cps   |
| Carbon     | 12-2  | 63237   | 61254   | 61696   | 62062   | 1.68   | cps   |
| Chlorine   | 35-1  | 166517  | 164984  | 164183  | 165228  | 0.72   | cps   |
| Chlorine   | 35-2  | 1617    | 1675    | 1425    | 1572    | 8.32   | cps   |
| Chromium   | 52-2  | 2457    | 2474    | 2530    | 2487    | 1.55   | cps   |
| Cobalt     | 59-2  | 1467    | 1313    | 1367    | 1382    | 5.63   | cps   |
| Copper     | 63-2  | 2477    | 2354    | 2390    | 2407    | 2.63   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 67      | 100     | 83      | 83      | 20.00  | cps   |
| Erbium     | 164-2 | 30      | 33      | 17      | 27      | 33.06  | cps   |
| Gadolinium | 160-1 | 67      | 58      | 50      | 58      | 14.29  | cps   |
| Gadolinium | 160-2 | 67      | 57      | 47      | 57      | 17.65  | cps   |
| Holmium    | 165-1 | 8676362 | 7642643 | 7774250 | 8031085 | 7.01   | cps   |
| Holmium    | 165-2 | 3169285 | 3154434 | 3187646 | 3170455 | 0.52   | cps   |
| Indium     | 115-1 | 8216988 | 7377462 | 7008109 | 7534186 | 8.22   | cps   |
| Indium     | 115-2 | 1222117 | 1226106 | 1213474 | 1220566 | 0.53   | cps   |
| Iron       | 54-2  | 8180    | 8080    | 7613    | 7958    | 3.80   | cps   |
| Iron       | 56-2  | 134745  | 137007  | 133178  | 134977  | 1.43   | cps   |
| Iron       | 57-2  | 3539    | 3439    | 3378    | 3452    | 2.36   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT1-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:22:46 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4063    | 3960    | 3926    | 3983    | 1.78   | cps   |
| Lead       | 206-1 | 2400    | 2550    | 2250    | 2400    | 6.25   | cps   |
| Lead       | 207-1 | 2078    | 2122    | 2095    | 2098    | 1.07   | cps   |
| Lead       | 208-1 | 9363    | 9657    | 9301    | 9440    | 2.01   | cps   |
| Lithium    | 6-1   | 5230312 | 4758866 | 4497330 | 4828836 | 7.69   | cps   |
| Magnesium  | 24-2  | 34550   | 34157   | 35051   | 34586   | 1.30   | cps   |
| Manganese  | 55-2  | 503     | 527     | 520     | 517     | 2.33   | cps   |
| Molybdenum | 94-1  | 5685    | 5293    | 5918    | 5632    | 5.61   | cps   |
| Molybdenum | 95-1  | 6860    | 6685    | 6927    | 6824    | 1.83   | cps   |
| Molybdenum | 96-1  | 8044    | 7711    | 8128    | 7961    | 2.77   | cps   |
| Molybdenum | 97-1  | 4609    | 4101    | 4476    | 4395    | 6.00   | cps   |
| Molybdenum | 98-1  | 10830   | 10813   | 11981   | 11208   | 5.97   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 337     | 407     | 407     | 383     | 10.54  | cps   |
| Phosphorus | 31-2  | 142     | 117     | 142     | 133     | 10.83  | cps   |
| Potassium  | 39-2  | 49853   | 48682   | 50021   | 49519   | 1.47   | cps   |
| Rhodium    | 103-1 | 7545285 | 6868341 | 6887699 | 7100441 | 5.43   | cps   |
| Rhodium    | 103-2 | 2887910 | 2888295 | 2759282 | 2845163 | 2.61   | cps   |
| Scandium   | 45-1  | 6149744 | 5630038 | 5296798 | 5692193 | 7.55   | cps   |
| Scandium   | 45-2  | 191519  | 190819  | 189652  | 190663  | 0.49   | cps   |
| Selenium   | 82-1  | 521     | 560     | 418     | 500     | 14.75  | cps   |
| Selenium   | 77-2  | 20      | 13      | 23      | 19      | 26.96  | cps   |
| Selenium   | 78-2  | 188     | 157     | 149     | 165     | 12.51  | cps   |
| Silicon    | 28-1  | 448549  | 451643  | 443677  | 447956  | 0.90   | cps   |
| Silver     | 107-1 | 3717    | 3717    | 3626    | 3687    | 1.44   | cps   |
| Silver     | 109-1 | 3326    | 3326    | 3742    | 3464    | 6.95   | cps   |
| Sodium     | 23-2  | 76234   | 74097   | 72908   | 74413   | 2.26   | cps   |
| Strontium  | 86-1  | 7427    | 7636    | 7152    | 7405    | 3.28   | cps   |
| Strontium  | 88-1  | 8778    | 8386    | 8386    | 8517    | 2.66   | cps   |
| Sulfur     | 34-1  | 245537  | 249400  | 247910  | 247616  | 0.79   | cps   |
| Terbium    | 159-1 | 9149697 | 8359538 | 8248477 | 8585904 | 5.72   | cps   |
| Terbium    | 159-2 | 3123187 | 3155943 | 3141654 | 3140261 | 0.52   | cps   |
| Thallium   | 203-1 | 2284    | 2425    | 2484    | 2398    | 4.29   | cps   |
| Thallium   | 205-1 | 5818    | 5526    | 5660    | 5668    | 2.58   | cps   |
| Tin        | 118-1 | 11130   | 11030   | 11855   | 11338   | 3.97   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT1-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:22:46 | DataFile Name :   | 029AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2617     | 2709     | 2717     | 2681     | 2.07   | cps   |
| Uranium   | 238-1 | 6143     | 6118     | 6552     | 6271     | 3.88   | cps   |
| Vanadium  | 51-2  | 3277     | 3210     | 3290     | 3259     | 1.32   | cps   |
| Ytterbium | 172-1 | 75       | 25       | 42       | 47       | 53.91  | cps   |
| Ytterbium | 172-2 | 39       | 17       | 22       | 26       | 44.60  | cps   |
| Ytterbium | 176-1 | 1108     | 1217     | 975      | 1100     | 11.01  | cps   |
| Ytterbium | 176-2 | 3562     | 3945     | 3973     | 3827     | 6.01   | cps   |
| Yttrium   | 89-1  | 13861841 | 12366034 | 11949892 | 12725923 | 7.90   | cps   |
| Yttrium   | 89-2  | 1570396  | 1602070  | 1559982  | 1577483  | 1.39   | cps   |
| Zinc      | 66-2  | 457      | 503      | 387      | 449      | 13.08  | cps   |
| Zirconium | 90-1  | 5293     | 5184     | 5435     | 5304     | 2.36   | cps   |
| Zirconium | 91-1  | 1200     | 1017     | 1125     | 1114     | 8.27   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 647     | 634     | 674     | 652     | 3.12   | cps   |
| Antimony   | 121-1 | 4784    | 4242    | 4551    | 4526    | 6.01   | cps   |
| Arsenic    | 75-2  | 88      | 104     | 103     | 98      | 9.11   | cps   |
| Barium     | 135-1 | 5710    | 6152    | 5776    | 5879    | 4.05   | cps   |
| Barium     | 137-1 | 10221   | 10546   | 11005   | 10591   | 3.72   | cps   |
| Beryllium  | 9-1   | 1278    | 1310    | 1324    | 1304    | 1.81   | cps   |
| Bismuth    | 209-1 | 4728115 | 4488322 | 4796971 | 4671136 | 3.47   | cps   |
| Bismuth    | 209-2 | 2159601 | 2097473 | 2141048 | 2132707 | 1.50   | cps   |
| Boron      | 10-1  | 4298    | 4644    | 4500    | 4480    | 3.88   | cps   |
| Boron      | 11-1  | 19177   | 20240   | 20747   | 20055   | 4.00   | cps   |
| Bromine    | 81-1  | 40190   | 42479   | 40752   | 41140   | 2.90   | cps   |
| Cadmium    | 111-1 | 1292    | 1189    | 1249    | 1243    | 4.17   | cps   |
| Cadmium    | 106-1 | 3159    | 2925    | 2892    | 2992    | 4.86   | cps   |
| Cadmium    | 108-1 | 146     | 138     | 179     | 154     | 14.30  | cps   |
| Calcium    | 43-1  | 5312    | 5282    | 5425    | 5340    | 1.42   | cps   |
| Calcium    | 44-1  | 89253   | 90628   | 88437   | 89439   | 1.24   | cps   |
| Carbon     | 12-1  | 6161041 | 5832392 | 5765878 | 5919770 | 3.57   | cps   |
| Carbon     | 12-2  | 61814   | 60408   | 62476   | 61566   | 1.71   | cps   |
| Chlorine   | 35-1  | 153763  | 156474  | 157273  | 155837  | 1.18   | cps   |
| Chlorine   | 35-2  | 1433    | 1483    | 1558    | 1492    | 4.22   | cps   |
| Chromium   | 52-2  | 2290    | 2397    | 2434    | 2374    | 3.14   | cps   |
| Cobalt     | 59-2  | 1317    | 1423    | 1317    | 1352    | 4.55   | cps   |
| Copper     | 63-2  | 2447    | 2500    | 2530    | 2492    | 1.69   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 67      | 92      | 75      | 19.24  | cps   |
| Erbium     | 164-2 | 20      | 20      | 37      | 26      | 37.66  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 58      | 50      | 16.67  | cps   |
| Gadolinium | 160-2 | 50      | 53      | 63      | 56      | 12.49  | cps   |
| Holmium    | 165-1 | 7552259 | 7757736 | 7410468 | 7573487 | 2.31   | cps   |
| Holmium    | 165-2 | 3272245 | 3220654 | 3170947 | 3221282 | 1.57   | cps   |
| Indium     | 115-1 | 7079980 | 6965436 | 7044966 | 7030127 | 0.83   | cps   |
| Indium     | 115-2 | 1232817 | 1212958 | 1210665 | 1218813 | 1.00   | cps   |
| Iron       | 54-2  | 7897    | 7658    | 7647    | 7734    | 1.83   | cps   |
| Iron       | 56-2  | 135229  | 135892  | 135791  | 135637  | 0.26   | cps   |
| Iron       | 57-2  | 3534    | 3395    | 3562    | 3497    | 2.55   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3926    | 3934    | 3966    | 3942    | 0.54   | cps   |
| Lead       | 206-1 | 2300    | 2384    | 2306    | 2330    | 2.00   | cps   |
| Lead       | 207-1 | 2167    | 2161    | 1884    | 2071    | 7.83   | cps   |
| Lead       | 208-1 | 9729    | 9702    | 9290    | 9574    | 2.57   | cps   |
| Lithium    | 6-1   | 4642689 | 4619548 | 4480981 | 4581073 | 1.91   | cps   |
| Magnesium  | 24-2  | 35753   | 34918   | 34132   | 34934   | 2.32   | cps   |
| Manganese  | 55-2  | 537     | 537     | 547     | 540     | 1.07   | cps   |
| Molybdenum | 94-1  | 5885    | 5568    | 5918    | 5790    | 3.34   | cps   |
| Molybdenum | 95-1  | 7127    | 6994    | 7319    | 7146    | 2.29   | cps   |
| Molybdenum | 96-1  | 8278    | 8019    | 7777    | 8025    | 3.12   | cps   |
| Molybdenum | 97-1  | 4201    | 4426    | 4676    | 4434    | 5.36   | cps   |
| Molybdenum | 98-1  | 11622   | 11688   | 11997   | 11769   | 1.70   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 7       | 16      | 49.47  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 377     | 467     | 357     | 400     | 14.65  | cps   |
| Phosphorus | 31-2  | 125     | 142     | 133     | 133     | 6.25   | cps   |
| Potassium  | 39-2  | 49712   | 49276   | 49402   | 49463   | 0.45   | cps   |
| Rhodium    | 103-1 | 6786870 | 6709935 | 6655986 | 6717597 | 0.98   | cps   |
| Rhodium    | 103-2 | 2831499 | 2791627 | 2767684 | 2796937 | 1.15   | cps   |
| Scandium   | 45-1  | 5356347 | 5432205 | 5288812 | 5359122 | 1.34   | cps   |
| Scandium   | 45-2  | 190385  | 190396  | 189094  | 189958  | 0.39   | cps   |
| Selenium   | 82-1  | 530     | 401     | 316     | 416     | 25.88  | cps   |
| Selenium   | 77-2  | 47      | 17      | 23      | 29      | 54.53  | cps   |
| Selenium   | 78-2  | 171     | 158     | 171     | 167     | 4.50   | cps   |
| Silicon    | 28-1  | 450649  | 443868  | 444261  | 446259  | 0.85   | cps   |
| Silver     | 107-1 | 3476    | 3801    | 3642    | 3639    | 4.47   | cps   |
| Silver     | 109-1 | 3551    | 3801    | 3659    | 3670    | 3.42   | cps   |
| Sodium     | 23-2  | 76752   | 75161   | 74725   | 75546   | 1.41   | cps   |
| Strontium  | 86-1  | 7335    | 7577    | 7244    | 7385    | 2.33   | cps   |
| Strontium  | 88-1  | 8144    | 8578    | 8461    | 8394    | 2.67   | cps   |
| Sulfur     | 34-1  | 251089  | 249215  | 250064  | 250123  | 0.38   | cps   |
| Terbium    | 159-1 | 8303056 | 8075747 | 8314098 | 8230967 | 1.63   | cps   |
| Terbium    | 159-2 | 3223663 | 3077675 | 3192860 | 3164733 | 2.43   | cps   |
| Thallium   | 203-1 | 2600    | 2284    | 2575    | 2486    | 7.08   | cps   |
| Thallium   | 205-1 | 5660    | 5151    | 5576    | 5462    | 4.99   | cps   |
| Tin        | 118-1 | 11255   | 11589   | 11455   | 11433   | 1.47   | cps   |



|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB121221             | Operator :        | Jaswal    |
| Lab Sample ID :        | N1331-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT1-2022-02 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:27:59  | DataFile Name :   | 030AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2642     | 2717     | 2450     | 2603     | 5.28   | cps   |
| Uranium   | 238-1 | 6368     | 6318     | 5877     | 6188     | 4.37   | cps   |
| Vanadium  | 51-2  | 3370     | 3030     | 3467     | 3289     | 6.97   | cps   |
| Ytterbium | 172-1 | 50       | 67       | 67       | 61       | 15.75  | cps   |
| Ytterbium | 172-2 | 28       | 6        | 22       | 19       | 62.43  | cps   |
| Ytterbium | 176-1 | 933      | 933      | 1025     | 964      | 5.49   | cps   |
| Ytterbium | 176-2 | 3384     | 3489     | 3484     | 3452     | 1.72   | cps   |
| Yttrium   | 89-1  | 12100810 | 12115629 | 12143654 | 12120031 | 0.18   | cps   |
| Yttrium   | 89-2  | 1551996  | 1530157  | 1520157  | 1534103  | 1.06   | cps   |
| Zinc      | 66-2  | 440      | 410      | 317      | 389      | 16.54  | cps   |
| Zirconium | 90-1  | 5226     | 4768     | 4976     | 4990     | 4.60   | cps   |
| Zirconium | 91-1  | 908      | 1225     | 983      | 1039     | 15.93  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 59      | 55      | 56      | 57      | 3.37   | cps   |
| Antimony   | 121-1 | 33      | 25      | 50      | 36      | 35.25  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 5       | 4       | 41.66  | cps   |
| Barium     | 135-1 | 25      | 42      | 33      | 33      | 25.01  | cps   |
| Barium     | 137-1 | 75      | 50      | 50      | 58      | 24.74  | cps   |
| Beryllium  | 9-1   | 40      | 48      | 36      | 41      | 14.79  | cps   |
| Bismuth    | 209-1 | 4522232 | 4646203 | 4443311 | 4537249 | 2.25   | cps   |
| Bismuth    | 209-2 | 2058237 | 2179332 | 2104388 | 2113986 | 2.89   | cps   |
| Boron      | 10-1  | 1152    | 1112    | 1018    | 1094    | 6.29   | cps   |
| Boron      | 11-1  | 4662    | 4364    | 4588    | 4538    | 3.42   | cps   |
| Bromine    | 81-1  | 42630   | 41887   | 41496   | 42004   | 1.37   | cps   |
| Cadmium    | 111-1 | 639     | 592     | 520     | 584     | 10.21  | cps   |
| Cadmium    | 106-1 | 3342    | 3109    | 2975    | 3142    | 5.91   | cps   |
| Cadmium    | 108-1 | 96      | 96      | 154     | 115     | 29.22  | cps   |
| Calcium    | 43-1  | 195     | 172     | 192     | 187     | 6.61   | cps   |
| Calcium    | 44-1  | 6183    | 6252    | 6036    | 6157    | 1.80   | cps   |
| Carbon     | 12-1  | 6171144 | 5840502 | 5792257 | 5934634 | 3.48   | cps   |
| Carbon     | 12-2  | 60977   | 63688   | 64107   | 62924   | 2.70   | cps   |
| Chlorine   | 35-1  | 149517  | 144937  | 144861  | 146439  | 1.82   | cps   |
| Chlorine   | 35-2  | 1258    | 1583    | 1500    | 1447    | 11.66  | cps   |
| Chromium   | 52-2  | 823     | 890     | 890     | 868     | 4.44   | cps   |
| Cobalt     | 59-2  | 40      | 40      | 23      | 34      | 27.94  | cps   |
| Copper     | 63-2  | 530     | 473     | 510     | 504     | 5.70   | cps   |
| Dysprosium | 156-1 | 33      | 0       | 33      | 22      | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 27      | 30      | 30      | 29      | 6.65   | cps   |
| Gadolinium | 160-1 | 42      | 108     | 58      | 69      | 49.96  | cps   |
| Gadolinium | 160-2 | 63      | 47      | 63      | 58      | 16.65  | cps   |
| Holmium    | 165-1 | 7562605 | 7711232 | 7418264 | 7564033 | 1.94   | cps   |
| Holmium    | 165-2 | 3104394 | 3193686 | 3240437 | 3179506 | 2.17   | cps   |
| Indium     | 115-1 | 6913828 | 7103460 | 6871564 | 6962951 | 1.77   | cps   |
| Indium     | 115-2 | 1212149 | 1228560 | 1227262 | 1222657 | 0.75   | cps   |
| Iron       | 54-2  | 672     | 622     | 528     | 607     | 12.08  | cps   |
| Iron       | 56-2  | 4606    | 4712    | 4801    | 4706    | 2.07   | cps   |
| Iron       | 57-2  | 194     | 222     | 228     | 215     | 8.31   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3976    | 3998    | 4003    | 3992    | 0.35   | cps   |
| Lead       | 206-1 | 794     | 706     | 739     | 746     | 6.02   | cps   |
| Lead       | 207-1 | 606     | 600     | 578     | 594     | 2.47   | cps   |
| Lead       | 208-1 | 2995    | 2900    | 2850    | 2915    | 2.52   | cps   |
| Lithium    | 6-1   | 4523779 | 4377012 | 4775611 | 4558801 | 4.42   | cps   |
| Magnesium  | 24-2  | 233     | 258     | 208     | 233     | 10.71  | cps   |
| Manganese  | 55-2  | 40      | 37      | 37      | 38      | 5.09   | cps   |
| Molybdenum | 94-1  | 67      | 133     | 117     | 106     | 32.87  | cps   |
| Molybdenum | 95-1  | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Molybdenum | 96-1  | 300     | 342     | 342     | 328     | 7.34   | cps   |
| Molybdenum | 97-1  | 17      | 50      | 0       | 22      | 114.56 | cps   |
| Molybdenum | 98-1  | 158     | 100     | 58      | 106     | 47.59  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 17      | 37      | 33      | 29      | 37.08  | cps   |
| Phosphorus | 31-2  | 108     | 92      | 75      | 92      | 18.18  | cps   |
| Potassium  | 39-2  | 20498   | 20490   | 19973   | 20320   | 1.48   | cps   |
| Rhodium    | 103-1 | 6776857 | 6798372 | 6536843 | 6704024 | 2.17   | cps   |
| Rhodium    | 103-2 | 2909281 | 2810093 | 2889836 | 2869737 | 1.83   | cps   |
| Scandium   | 45-1  | 5358256 | 5274483 | 5448106 | 5360282 | 1.62   | cps   |
| Scandium   | 45-2  | 191430  | 189446  | 188154  | 189677  | 0.87   | cps   |
| Selenium   | 82-1  | 78      | -111    | 69      | 12      | 913.65 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 120     | 124     | 116     | 120     | 3.33   | cps   |
| Silicon    | 28-1  | 426728  | 422347  | 415357  | 421477  | 1.36   | cps   |
| Silver     | 107-1 | 158     | 150     | 200     | 169     | 15.81  | cps   |
| Silver     | 109-1 | 100     | 108     | 117     | 108     | 7.69   | cps   |
| Sodium     | 23-2  | 11705   | 12664   | 11872   | 12080   | 4.24   | cps   |
| Strontium  | 86-1  | 6643    | 6543    | 6177    | 6454    | 3.81   | cps   |
| Strontium  | 88-1  | 125     | 100     | 108     | 111     | 11.46  | cps   |
| Sulfur     | 34-1  | 243960  | 245681  | 249394  | 246345  | 1.13   | cps   |
| Terbium    | 159-1 | 8046028 | 8035802 | 7942474 | 8008101 | 0.71   | cps   |
| Terbium    | 159-2 | 3086033 | 3191309 | 3166710 | 3148017 | 1.75   | cps   |
| Thallium   | 203-1 | 275     | 250     | 258     | 261     | 4.88   | cps   |
| Thallium   | 205-1 | 708     | 558     | 800     | 689     | 17.71  | cps   |
| Tin        | 118-1 | 700     | 542     | 592     | 611     | 13.24  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:33:48 | DataFile Name :   | 031CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 100      | 225      | 217      | 181      | 38.71  | cps   |
| Uranium   | 238-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Vanadium  | 51-2  | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Ytterbium | 172-1 | 33       | 8        | 42       | 28       | 62.46  | cps   |
| Ytterbium | 172-2 | 22       | 17       | 11       | 17       | 33.33  | cps   |
| Ytterbium | 176-1 | 1083     | 992      | 1033     | 1036     | 4.43   | cps   |
| Ytterbium | 176-2 | 3734     | 3689     | 3895     | 3773     | 2.87   | cps   |
| Yttrium   | 89-1  | 11856884 | 11945484 | 11921126 | 11907831 | 0.38   | cps   |
| Yttrium   | 89-2  | 1574539  | 1576716  | 1547579  | 1566278  | 1.04   | cps   |
| Zinc      | 66-2  | 70       | 80       | 93       | 81       | 14.44  | cps   |
| Zirconium | 90-1  | 433      | 383      | 475      | 431      | 10.66  | cps   |
| Zirconium | 91-1  | 100      | 83       | 75       | 86       | 14.78  | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3645512   | 3646494   | 3683868   | 3658625   | 0.60   | cps   |
| Antimony   | 121-1 | 3060389   | 2990962   | 3060721   | 3037357   | 1.32   | cps   |
| Arsenic    | 75-2  | 101992    | 102655    | 101258    | 101968    | 0.68   | cps   |
| Barium     | 135-1 | 3978508   | 4110287   | 4024377   | 4037724   | 1.66   | cps   |
| Barium     | 137-1 | 6894691   | 7092193   | 6940524   | 6975802   | 1.48   | cps   |
| Beryllium  | 9-1   | 1353693   | 1449955   | 1410208   | 1404619   | 3.44   | cps   |
| Bismuth    | 209-1 | 4585615   | 4563588   | 4386260   | 4511821   | 2.42   | cps   |
| Bismuth    | 209-2 | 2079493   | 2094573   | 2054611   | 2076226   | 0.97   | cps   |
| Boron      | 10-1  | 356485    | 364334    | 372406    | 364408    | 2.18   | cps   |
| Boron      | 11-1  | 1410065   | 1471418   | 1507870   | 1463118   | 3.38   | cps   |
| Bromine    | 81-1  | 37429     | 38774     | 41184     | 39129     | 4.86   | cps   |
| Cadmium    | 111-1 | 797934    | 826780    | 808969    | 811227    | 1.79   | cps   |
| Cadmium    | 106-1 | 95891     | 97092     | 96000     | 96328     | 0.69   | cps   |
| Cadmium    | 108-1 | 64245     | 64094     | 63872     | 64070     | 0.29   | cps   |
| Calcium    | 43-1  | 6430961   | 6636354   | 6459942   | 6509086   | 1.71   | cps   |
| Calcium    | 44-1  | 103756211 | 104239618 | 105214883 | 104403571 | 0.71   | cps   |
| Carbon     | 12-1  | 7123928   | 7141620   | 7101803   | 7122450   | 0.28   | cps   |
| Carbon     | 12-2  | 79900     | 81200     | 81854     | 80985     | 1.23   | cps   |
| Chlorine   | 35-1  | 149491    | 148456    | 148110    | 148686    | 0.48   | cps   |
| Chlorine   | 35-2  | 1508      | 1450      | 1442      | 1467      | 2.48   | cps   |
| Chromium   | 52-2  | 1007815   | 997420    | 980823    | 995353    | 1.37   | cps   |
| Cobalt     | 59-2  | 1731220   | 1677964   | 1685265   | 1698150   | 1.70   | cps   |
| Copper     | 63-2  | 12515155  | 12811304  | 12478945  | 12601801  | 1.45   | cps   |
| Dysprosium | 156-1 | 467       | 500       | 567       | 511       | 9.96   | cps   |
| Dysprosium | 156-2 | 170       | 177       | 167       | 171       | 2.98   | cps   |
| Erbium     | 164-1 | 75        | 108       | 133       | 106       | 27.73  | cps   |
| Erbium     | 164-2 | 30        | 73        | 70        | 58        | 41.73  | cps   |
| Gadolinium | 160-1 | 425       | 358       | 358       | 381       | 10.11  | cps   |
| Gadolinium | 160-2 | 163       | 200       | 203       | 189       | 11.75  | cps   |
| Holmium    | 165-1 | 8232378   | 8263652   | 8103810   | 8199947   | 1.03   | cps   |
| Holmium    | 165-2 | 3408621   | 3436144   | 3381099   | 3408621   | 0.81   | cps   |
| Indium     | 115-1 | 7057464   | 7109724   | 6989817   | 7052335   | 0.85   | cps   |
| Indium     | 115-2 | 1197346   | 1197306   | 1179511   | 1191388   | 0.86   | cps   |
| Iron       | 54-2  | 11812517  | 11688362  | 11560894  | 11687258  | 1.08   | cps   |
| Iron       | 56-2  | 211719027 | 211268355 | 211613105 | 211533495 | 0.11   | cps   |
| Iron       | 57-2  | 5423300   | 5339099   | 5363612   | 5375337   | 0.81   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 4079     | 4031     | 3959     | 4023     | 1.50   | cps   |
| Lead       | 206-1 | 11425197 | 11064173 | 10942619 | 11143997 | 2.25   | cps   |
| Lead       | 207-1 | 9724490  | 9397780  | 9439533  | 9520601  | 1.87   | cps   |
| Lead       | 208-1 | 45504540 | 44024134 | 43481395 | 44336690 | 2.36   | cps   |
| Lithium    | 6-1   | 4735578  | 4861614  | 4649158  | 4748783  | 2.25   | cps   |
| Magnesium  | 24-2  | 44680946 | 44127482 | 44132402 | 44313610 | 0.72   | cps   |
| Manganese  | 55-2  | 6087293  | 6090880  | 6147344  | 6108506  | 0.55   | cps   |
| Molybdenum | 94-1  | 11969773 | 11907789 | 12263943 | 12047168 | 1.58   | cps   |
| Molybdenum | 95-1  | 17634668 | 17358225 | 17858137 | 17617010 | 1.42   | cps   |
| Molybdenum | 96-1  | 19133822 | 18972792 | 19621742 | 19242785 | 1.76   | cps   |
| Molybdenum | 97-1  | 10718728 | 10801958 | 10843589 | 10788091 | 0.59   | cps   |
| Molybdenum | 98-1  | 28342267 | 28113843 | 28211307 | 28222473 | 0.41   | cps   |
| Neodymium  | 150-1 | 313      | 333      | 327      | 324      | 3.14   | cps   |
| Neodymium  | 150-2 | 50       | 30       | 30       | 37       | 31.49  | cps   |
| Nickel     | 60-2  | 436385   | 436028   | 427838   | 433417   | 1.12   | cps   |
| Phosphorus | 31-2  | 40783    | 38561    | 40181    | 39842    | 2.89   | cps   |
| Potassium  | 39-2  | 19351449 | 19733090 | 19832353 | 19638964 | 1.29   | cps   |
| Rhodium    | 103-1 | 6266192  | 6275571  | 6327073  | 6289612  | 0.52   | cps   |
| Rhodium    | 103-2 | 2647194  | 2701803  | 2730070  | 2693022  | 1.56   | cps   |
| Scandium   | 45-1  | 5377905  | 5378227  | 5539571  | 5431901  | 1.72   | cps   |
| Scandium   | 45-2  | 198182   | 198160   | 195312   | 197218   | 0.84   | cps   |
| Selenium   | 82-1  | 72471    | 73418    | 72326    | 72739    | 0.82   | cps   |
| Selenium   | 77-2  | 2810     | 2837     | 2650     | 2766     | 3.65   | cps   |
| Selenium   | 78-2  | 9297     | 9412     | 9257     | 9322     | 0.86   | cps   |
| Silicon    | 28-1  | 28493463 | 28133487 | 27393774 | 28006908 | 2.00   | cps   |
| Silver     | 107-1 | 4532225  | 4425875  | 4473956  | 4477352  | 1.19   | cps   |
| Silver     | 109-1 | 4147199  | 4240307  | 4186992  | 4191499  | 1.11   | cps   |
| Sodium     | 23-2  | 83991881 | 82603139 | 81541558 | 82712193 | 1.49   | cps   |
| Strontium  | 86-1  | 1223956  | 1222164  | 1225311  | 1223810  | 0.13   | cps   |
| Strontium  | 88-1  | 10625144 | 10607115 | 10648087 | 10626782 | 0.19   | cps   |
| Sulfur     | 34-1  | 724723   | 721801   | 720983   | 722502   | 0.27   | cps   |
| Terbium    | 159-1 | 8737165  | 8288786  | 8463909  | 8496620  | 2.66   | cps   |
| Terbium    | 159-2 | 3346932  | 3289522  | 3420602  | 3352352  | 1.96   | cps   |
| Thallium   | 203-1 | 2832952  | 2738897  | 2829005  | 2800285  | 1.90   | cps   |
| Thallium   | 205-1 | 6588096  | 6268387  | 6607504  | 6487995  | 2.94   | cps   |
| Tin        | 118-1 | 2803699  | 2778478  | 2920629  | 2834269  | 2.68   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV49               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV49               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 15:45:24 | DataFile Name :   | 033CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5828921  | 5818307  | 5881701  | 5842976  | 0.58   | cps   |
| Uranium   | 238-1 | 8855690  | 9051029  | 8670134  | 8858951  | 2.15   | cps   |
| Vanadium  | 51-2  | 840184   | 836757   | 836484   | 837808   | 0.25   | cps   |
| Ytterbium | 172-1 | 125      | 183      | 92       | 133      | 34.80  | cps   |
| Ytterbium | 172-2 | 50       | 61       | 61       | 57       | 11.17  | cps   |
| Ytterbium | 176-1 | 12615    | 12490    | 12456    | 12520    | 0.67   | cps   |
| Ytterbium | 176-2 | 8675     | 8653     | 8536     | 8621     | 0.87   | cps   |
| Yttrium   | 89-1  | 12187864 | 12122306 | 12270625 | 12193598 | 0.61   | cps   |
| Yttrium   | 89-2  | 1585134  | 1648250  | 1597071  | 1610152  | 2.08   | cps   |
| Zinc      | 66-2  | 1784935  | 1800325  | 1757477  | 1780913  | 1.22   | cps   |
| Zirconium | 90-1  | 6329485  | 6263918  | 6350533  | 6314645  | 0.72   | cps   |
| Zirconium | 91-1  | 1420480  | 1392550  | 1420103  | 1411045  | 1.14   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 86      | 74      | 74      | 78      | 9.26   | cps   |
| Antimony   | 121-1 | 325     | 350     | 425     | 367     | 14.19  | cps   |
| Arsenic    | 75-2  | 4       | 5       | 8       | 6       | 36.74  | cps   |
| Barium     | 135-1 | 42      | 17      | 67      | 42      | 60.00  | cps   |
| Barium     | 137-1 | 25      | 67      | 83      | 58      | 51.51  | cps   |
| Beryllium  | 9-1   | 84      | 74      | 100     | 86      | 15.25  | cps   |
| Bismuth    | 209-1 | 5029493 | 4645930 | 4823356 | 4832926 | 3.97   | cps   |
| Bismuth    | 209-2 | 2260626 | 2243326 | 2306334 | 2270096 | 1.43   | cps   |
| Boron      | 10-1  | 11516   | 11826   | 11536   | 11626   | 1.49   | cps   |
| Boron      | 11-1  | 49349   | 48114   | 48424   | 48629   | 1.32   | cps   |
| Bromine    | 81-1  | 43685   | 39587   | 42137   | 41803   | 4.95   | cps   |
| Cadmium    | 111-1 | 528     | 579     | 541     | 549     | 4.81   | cps   |
| Cadmium    | 106-1 | 2834    | 3025    | 2692    | 2850    | 5.87   | cps   |
| Cadmium    | 108-1 | 121     | 121     | 92      | 111     | 15.16  | cps   |
| Calcium    | 43-1  | 294     | 231     | 261     | 262     | 11.93  | cps   |
| Calcium    | 44-1  | 6991    | 6882    | 7111    | 6995    | 1.64   | cps   |
| Carbon     | 12-1  | 6506520 | 6256074 | 6168744 | 6310446 | 2.78   | cps   |
| Carbon     | 12-2  | 69633   | 68435   | 65739   | 67936   | 2.94   | cps   |
| Chlorine   | 35-1  | 132749  | 132234  | 135608  | 133530  | 1.36   | cps   |
| Chlorine   | 35-2  | 1258    | 1300    | 1175    | 1245    | 5.11   | cps   |
| Chromium   | 52-2  | 830     | 937     | 857     | 874     | 6.35   | cps   |
| Cobalt     | 59-2  | 57      | 53      | 27      | 46      | 36.09  | cps   |
| Copper     | 63-2  | 620     | 643     | 600     | 621     | 3.49   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 23      | 27      | 27      | 26      | 7.55   | cps   |
| Gadolinium | 160-1 | 42      | 17      | 42      | 33      | 43.30  | cps   |
| Gadolinium | 160-2 | 70      | 113     | 70      | 84      | 29.63  | cps   |
| Holmium    | 165-1 | 8037084 | 7757157 | 7765532 | 7853258 | 2.03   | cps   |
| Holmium    | 165-2 | 3393179 | 3281260 | 3317150 | 3330530 | 1.72   | cps   |
| Indium     | 115-1 | 7585151 | 7162046 | 7163494 | 7303564 | 3.34   | cps   |
| Indium     | 115-2 | 1256682 | 1247103 | 1251484 | 1251757 | 0.38   | cps   |
| Iron       | 54-2  | 711     | 722     | 583     | 672     | 11.48  | cps   |
| Iron       | 56-2  | 6268    | 5490    | 5301    | 5686    | 9.01   | cps   |
| Iron       | 57-2  | 250     | 217     | 211     | 226     | 9.31   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4020    | 4090    | 4041    | 4051    | 0.89   | cps   |
| Lead       | 206-1 | 1033    | 978     | 1028    | 1013    | 3.02   | cps   |
| Lead       | 207-1 | 900     | 850     | 872     | 874     | 2.87   | cps   |
| Lead       | 208-1 | 3967    | 3834    | 3984    | 3928    | 2.09   | cps   |
| Lithium    | 6-1   | 4651234 | 4732678 | 4645391 | 4676434 | 1.04   | cps   |
| Magnesium  | 24-2  | 483     | 483     | 583     | 517     | 11.17  | cps   |
| Manganese  | 55-2  | 123     | 103     | 100     | 109     | 11.59  | cps   |
| Molybdenum | 94-1  | 292     | 333     | 300     | 308     | 7.15   | cps   |
| Molybdenum | 95-1  | 367     | 200     | 250     | 272     | 31.42  | cps   |
| Molybdenum | 96-1  | 608     | 558     | 650     | 606     | 7.58   | cps   |
| Molybdenum | 97-1  | 150     | 175     | 167     | 164     | 7.77   | cps   |
| Molybdenum | 98-1  | 742     | 450     | 692     | 628     | 24.85  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 30      | 20      | 30      | 27      | 21.65  | cps   |
| Phosphorus | 31-2  | 133     | 108     | 158     | 133     | 18.75  | cps   |
| Potassium  | 39-2  | 20406   | 19522   | 20031   | 19987   | 2.22   | cps   |
| Rhodium    | 103-1 | 6885799 | 6558837 | 6732647 | 6725761 | 2.43   | cps   |
| Rhodium    | 103-2 | 2982390 | 2889433 | 2949625 | 2940483 | 1.60   | cps   |
| Scandium   | 45-1  | 5499922 | 5187257 | 5229024 | 5305401 | 3.20   | cps   |
| Scandium   | 45-2  | 193917  | 195949  | 197244  | 195703  | 0.86   | cps   |
| Selenium   | 82-1  | -120    | -98     | -43     | -87     | -46.00 | cps   |
| Selenium   | 77-2  | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 103     | 102     | 113     | 106     | 5.74   | cps   |
| Silicon    | 28-1  | 430472  | 428838  | 414873  | 424728  | 2.02   | cps   |
| Silver     | 107-1 | 292     | 350     | 292     | 311     | 10.82  | cps   |
| Silver     | 109-1 | 383     | 308     | 350     | 347     | 10.82  | cps   |
| Sodium     | 23-2  | 18237   | 18304   | 18345   | 18295   | 0.30   | cps   |
| Strontium  | 86-1  | 6026    | 6610    | 6894    | 6510    | 6.79   | cps   |
| Strontium  | 88-1  | 217     | 192     | 250     | 219     | 13.34  | cps   |
| Sulfur     | 34-1  | 227737  | 226735  | 225305  | 226592  | 0.54   | cps   |
| Terbium    | 159-1 | 8450020 | 8299828 | 8056998 | 8268949 | 2.40   | cps   |
| Terbium    | 159-2 | 3337662 | 3355637 | 3316731 | 3336677 | 0.58   | cps   |
| Thallium   | 203-1 | 450     | 492     | 517     | 486     | 6.93   | cps   |
| Thallium   | 205-1 | 1050    | 958     | 1217    | 1075    | 12.18  | cps   |
| Tin        | 118-1 | 692     | 683     | 475     | 617     | 19.91  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB49               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB49               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:54:47 | DataFile Name :   | 034CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 158      | 217      | 267      | 214      | 25.35  | cps   |
| Uranium   | 238-1 | 67       | 50       | 100      | 72       | 35.25  | cps   |
| Vanadium  | 51-2  | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Ytterbium | 172-1 | 33       | 0        | 50       | 28       | 91.65  | cps   |
| Ytterbium | 172-2 | 11       | 22       | 11       | 15       | 43.30  | cps   |
| Ytterbium | 176-1 | 1075     | 833      | 900      | 936      | 13.33  | cps   |
| Ytterbium | 176-2 | 4212     | 4256     | 4234     | 4234     | 0.52   | cps   |
| Yttrium   | 89-1  | 12521245 | 11809221 | 11960582 | 12097016 | 3.10   | cps   |
| Yttrium   | 89-2  | 1626425  | 1578874  | 1632782  | 1612694  | 1.83   | cps   |
| Zinc      | 66-2  | 140      | 113      | 167      | 140      | 19.05  | cps   |
| Zirconium | 90-1  | 542      | 583      | 708      | 611      | 14.19  | cps   |
| Zirconium | 91-1  | 83       | 133      | 133      | 117      | 24.74  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2817    | 2669    | 2706    | 2731    | 2.83   | cps   |
| Antimony   | 121-1 | 21434   | 21317   | 22068   | 21606   | 1.87   | cps   |
| Arsenic    | 75-2  | 414     | 454     | 460     | 443     | 5.65   | cps   |
| Barium     | 135-1 | 28556   | 29524   | 28506   | 28862   | 1.99   | cps   |
| Barium     | 137-1 | 51574   | 51515   | 50177   | 51089   | 1.55   | cps   |
| Beryllium  | 9-1   | 5648    | 5456    | 5676    | 5593    | 2.14   | cps   |
| Bismuth    | 209-1 | 4559758 | 4535483 | 5113241 | 4736161 | 6.90   | cps   |
| Bismuth    | 209-2 | 2184194 | 2394944 | 2223367 | 2267502 | 4.94   | cps   |
| Boron      | 10-1  | 25037   | 25750   | 26541   | 25776   | 2.92   | cps   |
| Boron      | 11-1  | 103930  | 109925  | 112662  | 108839  | 4.10   | cps   |
| Bromine    | 81-1  | 39578   | 38152   | 40159   | 39296   | 2.63   | cps   |
| Cadmium    | 111-1 | 4060    | 3919    | 3862    | 3947    | 2.58   | cps   |
| Cadmium    | 106-1 | 3467    | 3467    | 3476    | 3470    | 0.14   | cps   |
| Cadmium    | 108-1 | 304     | 363     | 417     | 361     | 15.58  | cps   |
| Calcium    | 43-1  | 24887   | 24743   | 24508   | 24713   | 0.77   | cps   |
| Calcium    | 44-1  | 404599  | 409378  | 401624  | 405200  | 0.97   | cps   |
| Carbon     | 12-1  | 6098033 | 5870021 | 5757239 | 5908431 | 2.94   | cps   |
| Carbon     | 12-2  | 64191   | 63580   | 62777   | 63516   | 1.12   | cps   |
| Chlorine   | 35-1  | 120331  | 119189  | 121769  | 120430  | 1.07   | cps   |
| Chlorine   | 35-2  | 1242    | 967     | 1050    | 1086    | 12.98  | cps   |
| Chromium   | 52-2  | 9026    | 8353    | 8833    | 8737    | 3.97   | cps   |
| Cobalt     | 59-2  | 6775    | 6608    | 6775    | 6719    | 1.43   | cps   |
| Copper     | 63-2  | 10127   | 9924    | 10120   | 10057   | 1.15   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 67      | 17      | 75      | 53      | 59.77  | cps   |
| Erbium     | 164-2 | 3       | 40      | 10      | 18      | 109.88 | cps   |
| Gadolinium | 160-1 | 42      | 25      | 58      | 42      | 40.00  | cps   |
| Gadolinium | 160-2 | 40      | 63      | 50      | 51      | 22.90  | cps   |
| Holmium    | 165-1 | 7407429 | 7573530 | 8253577 | 7744845 | 5.79   | cps   |
| Holmium    | 165-2 | 3250892 | 3454653 | 3233141 | 3312895 | 3.72   | cps   |
| Indium     | 115-1 | 6815952 | 6701110 | 7370873 | 6962645 | 5.14   | cps   |
| Indium     | 115-2 | 1238335 | 1372599 | 1216450 | 1275794 | 6.63   | cps   |
| Iron       | 54-2  | 34564   | 35801   | 34570   | 34978   | 2.04   | cps   |
| Iron       | 56-2  | 639908  | 626675  | 630871  | 632485  | 1.07   | cps   |
| Iron       | 57-2  | 16365   | 15887   | 15653   | 15968   | 2.27   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4123    | 4203    | 4190    | 4172    | 1.03   | cps   |
| Lead       | 206-1 | 9537    | 8953    | 9626    | 9372    | 3.90   | cps   |
| Lead       | 207-1 | 8369    | 7830    | 8158    | 8119    | 3.35   | cps   |
| Lead       | 208-1 | 37505   | 37172   | 37516   | 37398   | 0.52   | cps   |
| Lithium    | 6-1   | 4443723 | 4491644 | 4832891 | 4589419 | 4.62   | cps   |
| Magnesium  | 24-2  | 165993  | 159606  | 167107  | 164235  | 2.46   | cps   |
| Manganese  | 55-2  | 2400    | 2264    | 2484    | 2382    | 4.66   | cps   |
| Molybdenum | 94-1  | 14283   | 12573   | 12781   | 13212   | 7.06   | cps   |
| Molybdenum | 95-1  | 8269    | 7636    | 8219    | 8041    | 4.38   | cps   |
| Molybdenum | 96-1  | 10187   | 9962    | 10596   | 10249   | 3.14   | cps   |
| Molybdenum | 97-1  | 4718    | 5435    | 4409    | 4854    | 10.84  | cps   |
| Molybdenum | 98-1  | 12489   | 12206   | 12005   | 12233   | 1.99   | cps   |
| Neodymium  | 150-1 | 13      | 27      | 0       | 13      | 100.01 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 1823    | 1763    | 1710    | 1766    | 3.21   | cps   |
| Phosphorus | 31-2  | 200     | 142     | 200     | 181     | 18.65  | cps   |
| Potassium  | 39-2  | 159821  | 159174  | 158362  | 159119  | 0.46   | cps   |
| Rhodium    | 103-1 | 6554198 | 6257805 | 6862847 | 6558283 | 4.61   | cps   |
| Rhodium    | 103-2 | 2975319 | 3031626 | 2944147 | 2983697 | 1.49   | cps   |
| Scandium   | 45-1  | 5156662 | 5036637 | 5543150 | 5245483 | 5.05   | cps   |
| Scandium   | 45-2  | 192960  | 205271  | 190775  | 196335  | 3.98   | cps   |
| Selenium   | 82-1  | 1428    | 1285    | 1395    | 1369    | 5.45   | cps   |
| Selenium   | 77-2  | 50      | 50      | 53      | 51      | 3.76   | cps   |
| Selenium   | 78-2  | 279     | 274     | 281     | 278     | 1.30   | cps   |
| Silicon    | 28-1  | 544919  | 532719  | 532906  | 536848  | 1.30   | cps   |
| Silver     | 107-1 | 16911   | 17345   | 16627   | 16961   | 2.13   | cps   |
| Silver     | 109-1 | 16318   | 16844   | 16343   | 16502   | 1.80   | cps   |
| Sodium     | 23-2  | 315790  | 309044  | 317311  | 314049  | 1.40   | cps   |
| Strontium  | 86-1  | 11021   | 11255   | 11138   | 11138   | 1.05   | cps   |
| Strontium  | 88-1  | 42014   | 41387   | 40326   | 41242   | 2.07   | cps   |
| Sulfur     | 34-1  | 229519  | 227548  | 229099  | 228722  | 0.45   | cps   |
| Terbium    | 159-1 | 7787314 | 7894404 | 8636983 | 8106234 | 5.71   | cps   |
| Terbium    | 159-2 | 3281128 | 3495749 | 3203280 | 3326719 | 4.55   | cps   |
| Thallium   | 203-1 | 10997   | 10688   | 10972   | 10885   | 1.58   | cps   |
| Thallium   | 205-1 | 25467   | 25684   | 25710   | 25621   | 0.52   | cps   |
| Tin        | 118-1 | 942     | 1033    | 833     | 936     | 10.70  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146265BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146265BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 15:57:54 | DataFile Name :   | 035LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 11388    | 11613    | 11338    | 11447    | 1.28   | cps   |
| Uranium   | 238-1 | 30513    | 30930    | 31666    | 31036    | 1.88   | cps   |
| Vanadium  | 51-2  | 15832    | 15141    | 15305    | 15426    | 2.34   | cps   |
| Ytterbium | 172-1 | 58       | 25       | 50       | 44       | 39.03  | cps   |
| Ytterbium | 172-2 | 11       | 44       | 6        | 20       | 103.25 | cps   |
| Ytterbium | 176-1 | 867      | 1075     | 1000     | 981      | 10.76  | cps   |
| Ytterbium | 176-2 | 3884     | 4290     | 4212     | 4129     | 5.21   | cps   |
| Yttrium   | 89-1  | 11516464 | 11423538 | 12464519 | 11801507 | 4.88   | cps   |
| Yttrium   | 89-2  | 1582059  | 1665445  | 1583357  | 1610287  | 2.97   | cps   |
| Zinc      | 66-2  | 3354     | 3350     | 3520     | 3408     | 2.85   | cps   |
| Zirconium | 90-1  | 24614    | 24113    | 23863    | 24197    | 1.58   | cps   |
| Zirconium | 91-1  | 5259     | 5184     | 5493     | 5312     | 3.03   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 66      | 72      | 70      | 70      | 4.52   | cps   |
| Antimony   | 121-1 | 133     | 167     | 292     | 197     | 42.32  | cps   |
| Arsenic    | 75-2  | 3       | 3       | 4       | 3       | 17.32  | cps   |
| Barium     | 135-1 | 42      | 92      | 158     | 97      | 60.20  | cps   |
| Barium     | 137-1 | 33      | 50      | 175     | 86      | 89.92  | cps   |
| Beryllium  | 9-1   | 62      | 66      | 92      | 73      | 22.21  | cps   |
| Bismuth    | 209-1 | 4783309 | 4856288 | 4795446 | 4811681 | 0.81   | cps   |
| Bismuth    | 209-2 | 2228353 | 2205657 | 2194290 | 2209433 | 0.78   | cps   |
| Boron      | 10-1  | 8835    | 8569    | 7723    | 8375    | 6.94   | cps   |
| Boron      | 11-1  | 37396   | 35869   | 36087   | 36451   | 2.27   | cps   |
| Bromine    | 81-1  | 42128   | 40792   | 39858   | 40926   | 2.79   | cps   |
| Cadmium    | 111-1 | 616     | 638     | 654     | 636     | 3.03   | cps   |
| Cadmium    | 106-1 | 3367    | 3292    | 3234    | 3298    | 2.03   | cps   |
| Cadmium    | 108-1 | 142     | 113     | 108     | 121     | 15.03  | cps   |
| Calcium    | 43-1  | 211     | 217     | 371     | 267     | 33.98  | cps   |
| Calcium    | 44-1  | 6298    | 6334    | 9102    | 7245    | 22.20  | cps   |
| Carbon     | 12-1  | 6056751 | 5907471 | 5715470 | 5893231 | 2.90   | cps   |
| Carbon     | 12-2  | 64350   | 63137   | 62517   | 63335   | 1.47   | cps   |
| Chlorine   | 35-1  | 121785  | 121911  | 122953  | 122216  | 0.52   | cps   |
| Chlorine   | 35-2  | 1258    | 1167    | 1225    | 1217    | 3.81   | cps   |
| Chromium   | 52-2  | 907     | 877     | 953     | 912     | 4.24   | cps   |
| Cobalt     | 59-2  | 57      | 53      | 67      | 59      | 11.79  | cps   |
| Copper     | 63-2  | 540     | 510     | 470     | 507     | 6.93   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 83      | 58      | 50      | 64      | 27.16  | cps   |
| Erbium     | 164-2 | 23      | 3       | 17      | 14      | 70.51  | cps   |
| Gadolinium | 160-1 | 58      | 83      | 33      | 58      | 42.87  | cps   |
| Gadolinium | 160-2 | 67      | 77      | 43      | 62      | 27.50  | cps   |
| Holmium    | 165-1 | 8040467 | 8162288 | 7797873 | 8000209 | 2.32   | cps   |
| Holmium    | 165-2 | 3265780 | 3256526 | 3170485 | 3230931 | 1.63   | cps   |
| Indium     | 115-1 | 7377872 | 7288256 | 7113329 | 7259819 | 1.85   | cps   |
| Indium     | 115-2 | 1253566 | 1251697 | 1239426 | 1248229 | 0.62   | cps   |
| Iron       | 54-2  | 728     | 661     | 617     | 669     | 8.37   | cps   |
| Iron       | 56-2  | 4601    | 4651    | 4540    | 4597    | 1.21   | cps   |
| Iron       | 57-2  | 150     | 200     | 144     | 165     | 18.57  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Krypton    | 83-1  | 4108    | 4075    | 4074    | 4086    | 0.47    | cps   |
| Lead       | 206-1 | 867     | 939     | 1150    | 985     | 14.95   | cps   |
| Lead       | 207-1 | 794     | 744     | 1000    | 846     | 16.00   | cps   |
| Lead       | 208-1 | 3467    | 3522    | 4656    | 3882    | 17.29   | cps   |
| Lithium    | 6-1   | 5067675 | 4668982 | 4524822 | 4753826 | 5.92    | cps   |
| Magnesium  | 24-2  | 242     | 267     | 383     | 297     | 25.44   | cps   |
| Manganese  | 55-2  | 47      | 57      | 77      | 60      | 25.46   | cps   |
| Molybdenum | 94-1  | 250     | 225     | 533     | 336     | 50.95   | cps   |
| Molybdenum | 95-1  | 58      | 67      | 483     | 203     | 119.84  | cps   |
| Molybdenum | 96-1  | 517     | 492     | 850     | 619     | 32.30   | cps   |
| Molybdenum | 97-1  | 67      | 33      | 308     | 136     | 110.26  | cps   |
| Molybdenum | 98-1  | 208     | 175     | 900     | 428     | 95.68   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60   | cps   |
| Neodymium  | 150-2 | 7       | 10      | 0       | 6       | 91.64   | cps   |
| Nickel     | 60-2  | 30      | 27      | 40      | 32      | 21.53   | cps   |
| Phosphorus | 31-2  | 133     | 142     | 58      | 111     | 41.30   | cps   |
| Potassium  | 39-2  | 19564   | 18671   | 18779   | 19005   | 2.56    | cps   |
| Rhodium    | 103-1 | 6959516 | 6851738 | 6735129 | 6848795 | 1.64    | cps   |
| Rhodium    | 103-2 | 2925314 | 2942169 | 2933400 | 2933628 | 0.29    | cps   |
| Scandium   | 45-1  | 5735439 | 5553563 | 5257318 | 5515440 | 4.38    | cps   |
| Scandium   | 45-2  | 194604  | 195337  | 194414  | 194785  | 0.25    | cps   |
| Selenium   | 82-1  | -89     | 113     | -130    | -35     | -366.40 | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 125     | 94      | 113     | 111     | 14.12   | cps   |
| Silicon    | 28-1  | 419794  | 417349  | 414049  | 417064  | 0.69    | cps   |
| Silver     | 107-1 | 317     | 517     | 442     | 425     | 23.77   | cps   |
| Silver     | 109-1 | 292     | 300     | 392     | 328     | 16.93   | cps   |
| Sodium     | 23-2  | 15125   | 15484   | 16243   | 15617   | 3.65    | cps   |
| Strontium  | 86-1  | 6327    | 6693    | 6635    | 6552    | 3.01    | cps   |
| Strontium  | 88-1  | 133     | 117     | 442     | 231     | 79.38   | cps   |
| Sulfur     | 34-1  | 231933  | 229606  | 233086  | 231542  | 0.77    | cps   |
| Terbium    | 159-1 | 8603457 | 8731345 | 8301696 | 8545499 | 2.58    | cps   |
| Terbium    | 159-2 | 3391185 | 3330125 | 3295070 | 3338794 | 1.46    | cps   |
| Thallium   | 203-1 | 308     | 458     | 450     | 406     | 20.79   | cps   |
| Thallium   | 205-1 | 1042    | 1108    | 1200    | 1117    | 7.12    | cps   |
| Tin        | 118-1 | 575     | 583     | 667     | 608     | 8.33    | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:00:58 | DataFile Name :   | 036CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 167      | 150      | 333      | 217      | 46.79  | cps   |
| Uranium   | 238-1 | 17       | 33       | 308      | 119      | 137.13 | cps   |
| Vanadium  | 51-2  | 7        | 13       | 10       | 10       | 33.30  | cps   |
| Ytterbium | 172-1 | 50       | 25       | 67       | 47       | 44.41  | cps   |
| Ytterbium | 172-2 | 28       | 17       | 11       | 19       | 45.83  | cps   |
| Ytterbium | 176-1 | 1133     | 1092     | 933      | 1053     | 10.02  | cps   |
| Ytterbium | 176-2 | 3756     | 3890     | 4379     | 4008     | 8.18   | cps   |
| Yttrium   | 89-1  | 12836600 | 12533728 | 11837444 | 12402591 | 4.13   | cps   |
| Yttrium   | 89-2  | 1604607  | 1602528  | 1636930  | 1614688  | 1.19   | cps   |
| Zinc      | 66-2  | 87       | 110      | 123      | 107      | 17.40  | cps   |
| Zirconium | 90-1  | 517      | 492      | 758      | 589      | 25.01  | cps   |
| Zirconium | 91-1  | 100      | 42       | 142      | 94       | 53.18  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2755    | 2699    | 2796    | 2750    | 1.78   | cps   |
| Antimony   | 121-1 | 21192   | 21359   | 21426   | 21325   | 0.56   | cps   |
| Arsenic    | 75-2  | 426     | 433     | 413     | 424     | 2.39   | cps   |
| Barium     | 135-1 | 27445   | 29399   | 28155   | 28333   | 3.49   | cps   |
| Barium     | 137-1 | 52369   | 51348   | 49592   | 51103   | 2.75   | cps   |
| Beryllium  | 9-1   | 5748    | 5436    | 5322    | 5502    | 4.01   | cps   |
| Bismuth    | 209-1 | 4922681 | 4991791 | 4694615 | 4869696 | 3.19   | cps   |
| Bismuth    | 209-2 | 2222966 | 2309625 | 2263777 | 2265456 | 1.91   | cps   |
| Boron      | 10-1  | 21830   | 22801   | 23180   | 22604   | 3.08   | cps   |
| Boron      | 11-1  | 95284   | 100772  | 99943   | 98666   | 3.00   | cps   |
| Bromine    | 81-1  | 43394   | 41344   | 42419   | 42386   | 2.42   | cps   |
| Cadmium    | 111-1 | 4158    | 4204    | 3883    | 4082    | 4.25   | cps   |
| Cadmium    | 106-1 | 3826    | 3842    | 3742    | 3803    | 1.41   | cps   |
| Cadmium    | 108-1 | 392     | 396     | 379     | 389     | 2.23   | cps   |
| Calcium    | 43-1  | 24499   | 25059   | 24883   | 24814   | 1.15   | cps   |
| Calcium    | 44-1  | 398716  | 396545  | 395819  | 397027  | 0.38   | cps   |
| Carbon     | 12-1  | 6021457 | 5763478 | 5700511 | 5828482 | 2.92   | cps   |
| Carbon     | 12-2  | 61856   | 63730   | 61730   | 62439   | 1.79   | cps   |
| Chlorine   | 35-1  | 114618  | 117181  | 115307  | 115702  | 1.15   | cps   |
| Chlorine   | 35-2  | 1100    | 1100    | 1100    | 1100    | 0.00   | cps   |
| Chromium   | 52-2  | 8763    | 8676    | 8723    | 8721    | 0.50   | cps   |
| Cobalt     | 59-2  | 6215    | 6412    | 6682    | 6436    | 3.64   | cps   |
| Copper     | 63-2  | 10297   | 9874    | 10164   | 10111   | 2.14   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 17      | 100     | 50      | 56      | 75.49  | cps   |
| Erbium     | 164-2 | 17      | 20      | 23      | 20      | 16.65  | cps   |
| Gadolinium | 160-1 | 42      | 42      | 75      | 53      | 36.46  | cps   |
| Gadolinium | 160-2 | 70      | 83      | 40      | 64      | 34.44  | cps   |
| Holmium    | 165-1 | 8205681 | 7867384 | 7791180 | 7954748 | 2.77   | cps   |
| Holmium    | 165-2 | 3335640 | 3366229 | 3316356 | 3339408 | 0.75   | cps   |
| Indium     | 115-1 | 7718503 | 7451510 | 7359819 | 7509944 | 2.48   | cps   |
| Indium     | 115-2 | 1261057 | 1256401 | 1248771 | 1255409 | 0.49   | cps   |
| Iron       | 54-2  | 35606   | 36051   | 34180   | 35279   | 2.77   | cps   |
| Iron       | 56-2  | 637630  | 616730  | 624120  | 626160  | 1.69   | cps   |
| Iron       | 57-2  | 16065   | 15687   | 15481   | 15744   | 1.88   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4185    | 4111    | 4051    | 4116    | 1.63   | cps   |
| Lead       | 206-1 | 9092    | 9782    | 8914    | 9263    | 4.95   | cps   |
| Lead       | 207-1 | 8075    | 7475    | 8036    | 7862    | 4.27   | cps   |
| Lead       | 208-1 | 36966   | 36187   | 35664   | 36272   | 1.81   | cps   |
| Lithium    | 6-1   | 4877327 | 4600663 | 4903828 | 4793940 | 3.50   | cps   |
| Magnesium  | 24-2  | 163976  | 161264  | 164618  | 163286  | 1.09   | cps   |
| Manganese  | 55-2  | 2297    | 2424    | 2334    | 2351    | 2.77   | cps   |
| Molybdenum | 94-1  | 12623   | 12806   | 12623   | 12684   | 0.84   | cps   |
| Molybdenum | 95-1  | 7686    | 7636    | 7861    | 7727    | 1.53   | cps   |
| Molybdenum | 96-1  | 9820    | 10062   | 9437    | 9773    | 3.23   | cps   |
| Molybdenum | 97-1  | 4759    | 4918    | 4868    | 4848    | 1.67   | cps   |
| Molybdenum | 98-1  | 12189   | 12598   | 12498   | 12428   | 1.71   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 0       | 7       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 1820    | 1950    | 1827    | 1866    | 3.92   | cps   |
| Phosphorus | 31-2  | 125     | 125     | 150     | 133     | 10.83  | cps   |
| Potassium  | 39-2  | 162924  | 158347  | 156038  | 159103  | 2.20   | cps   |
| Rhodium    | 103-1 | 7171563 | 7105411 | 7005934 | 7094303 | 1.18   | cps   |
| Rhodium    | 103-2 | 2999648 | 2970926 | 2834982 | 2935185 | 3.00   | cps   |
| Scandium   | 45-1  | 5633505 | 5537578 | 5499305 | 5556796 | 1.24   | cps   |
| Scandium   | 45-2  | 200005  | 196997  | 193785  | 196929  | 1.58   | cps   |
| Selenium   | 82-1  | 1360    | 1314    | 1393    | 1356    | 2.92   | cps   |
| Selenium   | 77-2  | 50      | 43      | 80      | 58      | 33.81  | cps   |
| Selenium   | 78-2  | 317     | 312     | 299     | 309     | 3.01   | cps   |
| Silicon    | 28-1  | 545421  | 541419  | 542385  | 543075  | 0.38   | cps   |
| Silver     | 107-1 | 16252   | 16844   | 16243   | 16446   | 2.09   | cps   |
| Silver     | 109-1 | 16460   | 17061   | 15759   | 16427   | 3.97   | cps   |
| Sodium     | 23-2  | 312286  | 305624  | 304060  | 307323  | 1.42   | cps   |
| Strontium  | 86-1  | 11555   | 11855   | 11280   | 11563   | 2.49   | cps   |
| Strontium  | 88-1  | 40100   | 42566   | 41672   | 41446   | 3.01   | cps   |
| Sulfur     | 34-1  | 231782  | 231662  | 233111  | 232185  | 0.35   | cps   |
| Terbium    | 159-1 | 8593882 | 8600193 | 8502477 | 8565517 | 0.64   | cps   |
| Terbium    | 159-2 | 3328045 | 3441697 | 3334140 | 3367961 | 1.90   | cps   |
| Thallium   | 203-1 | 10872   | 10488   | 10997   | 10785   | 2.46   | cps   |
| Thallium   | 205-1 | 25042   | 25902   | 25718   | 25554   | 1.77   | cps   |
| Tin        | 118-1 | 950     | 1000    | 1125    | 1025    | 8.79   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146266BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146266BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:04:01 | DataFile Name :   | 037LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 10888    | 11146    | 10746    | 10927    | 1.86   | cps   |
| Uranium   | 238-1 | 31348    | 31289    | 30170    | 30936    | 2.15   | cps   |
| Vanadium  | 51-2  | 15702    | 15232    | 15088    | 15341    | 2.09   | cps   |
| Ytterbium | 172-1 | 50       | 50       | 50       | 50       | 0.00   | cps   |
| Ytterbium | 172-2 | 11       | 28       | 33       | 24       | 48.04  | cps   |
| Ytterbium | 176-1 | 1150     | 1075     | 900      | 1042     | 12.32  | cps   |
| Ytterbium | 176-2 | 3584     | 4629     | 4279     | 4164     | 12.77  | cps   |
| Yttrium   | 89-1  | 13032073 | 13002978 | 12516936 | 12850662 | 2.25   | cps   |
| Yttrium   | 89-2  | 1659337  | 1637666  | 1617722  | 1638242  | 1.27   | cps   |
| Zinc      | 66-2  | 3364     | 3584     | 3204     | 3384     | 5.64   | cps   |
| Zirconium | 90-1  | 24163    | 24063    | 23546    | 23924    | 1.39   | cps   |
| Zirconium | 91-1  | 5668     | 5251     | 5410     | 5443     | 3.87   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 55      | 54      | 57      | 55      | 3.45   | cps   |
| Antimony   | 121-1 | 33      | 92      | 167     | 97      | 68.75  | cps   |
| Arsenic    | 75-2  | 3       | 8       | 4       | 5       | 52.92  | cps   |
| Barium     | 135-1 | 17      | 58      | 33      | 36      | 58.08  | cps   |
| Barium     | 137-1 | 33      | 33      | 58      | 42      | 34.65  | cps   |
| Beryllium  | 9-1   | 62      | 66      | 66      | 65      | 3.57   | cps   |
| Bismuth    | 209-1 | 4446047 | 4705072 | 4918636 | 4689918 | 5.05   | cps   |
| Bismuth    | 209-2 | 2216579 | 2243431 | 2238479 | 2232830 | 0.64   | cps   |
| Boron      | 10-1  | 4924    | 4910    | 4546    | 4793    | 4.47   | cps   |
| Boron      | 11-1  | 20997   | 21227   | 20791   | 21005   | 1.04   | cps   |
| Bromine    | 81-1  | 42710   | 40651   | 42650   | 42004   | 2.79   | cps   |
| Cadmium    | 111-1 | 574     | 628     | 575     | 593     | 5.24   | cps   |
| Cadmium    | 106-1 | 2959    | 3276    | 2959    | 3064    | 5.97   | cps   |
| Cadmium    | 108-1 | 108     | 92      | 83      | 94      | 13.48  | cps   |
| Calcium    | 43-1  | 209     | 187     | 192     | 196     | 5.66   | cps   |
| Calcium    | 44-1  | 6151    | 6149    | 6168    | 6156    | 0.17   | cps   |
| Carbon     | 12-1  | 6114814 | 5989578 | 5819759 | 5974717 | 2.48   | cps   |
| Carbon     | 12-2  | 65589   | 63363   | 63990   | 64314   | 1.78   | cps   |
| Chlorine   | 35-1  | 117475  | 117257  | 116291  | 117008  | 0.54   | cps   |
| Chlorine   | 35-2  | 1142    | 1133    | 1233    | 1170    | 4.74   | cps   |
| Chromium   | 52-2  | 947     | 1047    | 890     | 961     | 8.25   | cps   |
| Cobalt     | 59-2  | 40      | 43      | 53      | 46      | 15.23  | cps   |
| Copper     | 63-2  | 530     | 473     | 510     | 504     | 5.70   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 3       | 13      | 7       | 86.65  | cps   |
| Erbium     | 164-1 | 75      | 83      | 83      | 81      | 5.98   | cps   |
| Erbium     | 164-2 | 7       | 33      | 30      | 23      | 62.26  | cps   |
| Gadolinium | 160-1 | 33      | 42      | 42      | 39      | 12.38  | cps   |
| Gadolinium | 160-2 | 50      | 67      | 40      | 52      | 25.80  | cps   |
| Holmium    | 165-1 | 7365013 | 7973686 | 7931288 | 7756663 | 4.38   | cps   |
| Holmium    | 165-2 | 3320272 | 3203328 | 3281740 | 3268446 | 1.82   | cps   |
| Indium     | 115-1 | 6835670 | 7003269 | 7480764 | 7106568 | 4.71   | cps   |
| Indium     | 115-2 | 1267890 | 1252527 | 1259264 | 1259894 | 0.61   | cps   |
| Iron       | 54-2  | 611     | 633     | 722     | 656     | 8.97   | cps   |
| Iron       | 56-2  | 4751    | 4740    | 4868    | 4786    | 1.48   | cps   |
| Iron       | 57-2  | 156     | 167     | 261     | 194     | 29.83  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4056    | 3838    | 3991    | 3962    | 2.84   | cps   |
| Lead       | 206-1 | 806     | 778     | 761     | 782     | 2.87   | cps   |
| Lead       | 207-1 | 700     | 767     | 672     | 713     | 6.81   | cps   |
| Lead       | 208-1 | 3189    | 3145    | 3034    | 3122    | 2.57   | cps   |
| Lithium    | 6-1   | 4397764 | 4623095 | 4840987 | 4620615 | 4.80   | cps   |
| Magnesium  | 24-2  | 275     | 242     | 258     | 258     | 6.45   | cps   |
| Manganese  | 55-2  | 57      | 57      | 47      | 53      | 10.82  | cps   |
| Molybdenum | 94-1  | 133     | 150     | 233     | 172     | 31.11  | cps   |
| Molybdenum | 95-1  | 50      | 83      | 50      | 61      | 31.50  | cps   |
| Molybdenum | 96-1  | 458     | 350     | 475     | 428     | 15.87  | cps   |
| Molybdenum | 97-1  | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Molybdenum | 98-1  | 225     | 175     | 242     | 214     | 16.22  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 50      | 27      | 40      | 39      | 30.10  | cps   |
| Phosphorus | 31-2  | 75      | 92      | 108     | 92      | 18.18  | cps   |
| Potassium  | 39-2  | 19272   | 18779   | 19322   | 19124   | 1.57   | cps   |
| Rhodium    | 103-1 | 6630381 | 7014663 | 7045763 | 6896936 | 3.35   | cps   |
| Rhodium    | 103-2 | 2897012 | 2919118 | 2955856 | 2923995 | 1.02   | cps   |
| Scandium   | 45-1  | 5102754 | 5523445 | 5575092 | 5400430 | 4.80   | cps   |
| Scandium   | 45-2  | 196436  | 193944  | 196297  | 195559  | 0.72   | cps   |
| Selenium   | 82-1  | 93      | 170     | -34     | 76      | 134.87 | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 130     | 131     | 112     | 124     | 8.60   | cps   |
| Silicon    | 28-1  | 420468  | 417871  | 417138  | 418492  | 0.42   | cps   |
| Silver     | 107-1 | 167     | 192     | 225     | 194     | 15.05  | cps   |
| Silver     | 109-1 | 258     | 192     | 225     | 225     | 14.82  | cps   |
| Sodium     | 23-2  | 13423   | 13281   | 13465   | 13390   | 0.72   | cps   |
| Strontium  | 86-1  | 5885    | 6310    | 6035    | 6076    | 3.55   | cps   |
| Strontium  | 88-1  | 108     | 158     | 175     | 147     | 23.57  | cps   |
| Sulfur     | 34-1  | 240064  | 236869  | 240165  | 239033  | 0.78   | cps   |
| Terbium    | 159-1 | 7665881 | 8232104 | 8601553 | 8166512 | 5.77   | cps   |
| Terbium    | 159-2 | 3281602 | 3308410 | 3312497 | 3300836 | 0.51   | cps   |
| Thallium   | 203-1 | 283     | 467     | 342     | 364     | 25.74  | cps   |
| Thallium   | 205-1 | 700     | 842     | 683     | 742     | 11.73  | cps   |
| Tin        | 118-1 | 725     | 533     | 625     | 628     | 15.27  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:11:08 | DataFile Name :   | 038CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 150      | 192      | 233      | 192      | 21.74  | cps   |
| Uranium   | 238-1 | 25       | 33       | 0        | 19       | 89.21  | cps   |
| Vanadium  | 51-2  | 13       | 7        | 17       | 12       | 41.65  | cps   |
| Ytterbium | 172-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Ytterbium | 172-2 | 22       | 11       | 22       | 19       | 34.64  | cps   |
| Ytterbium | 176-1 | 783      | 792      | 883      | 819      | 6.77   | cps   |
| Ytterbium | 176-2 | 3789     | 3912     | 4506     | 4069     | 9.42   | cps   |
| Yttrium   | 89-1  | 11547779 | 12190051 | 12528284 | 12088705 | 4.12   | cps   |
| Yttrium   | 89-2  | 1616891  | 1596434  | 1628472  | 1613932  | 1.01   | cps   |
| Zinc      | 66-2  | 127      | 83       | 77       | 96       | 28.41  | cps   |
| Zirconium | 90-1  | 400      | 483      | 575      | 486      | 18.01  | cps   |
| Zirconium | 91-1  | 150      | 75       | 150      | 125      | 34.64  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 708669   | 710542   | 698265   | 705825   | 0.94   | cps   |
| Antimony   | 121-1 | 3091121  | 3041523  | 3125108  | 3085917  | 1.36   | cps   |
| Arsenic    | 75-2  | 106708   | 107103   | 105822   | 106544   | 0.62   | cps   |
| Barium     | 135-1 | 4178966  | 4146957  | 4300187  | 4208703  | 1.92   | cps   |
| Barium     | 137-1 | 7235727  | 7265851  | 7342770  | 7281449  | 0.76   | cps   |
| Beryllium  | 9-1   | 1471304  | 1520826  | 1516916  | 1503015  | 1.83   | cps   |
| Bismuth    | 209-1 | 5036099  | 4902140  | 4888224  | 4942154  | 1.65   | cps   |
| Bismuth    | 209-2 | 2189841  | 2211737  | 2063417  | 2154998  | 3.72   | cps   |
| Boron      | 10-1  | 341610   | 361407   | 372533   | 358517   | 4.37   | cps   |
| Boron      | 11-1  | 1359079  | 1493038  | 1488242  | 1446787  | 5.25   | cps   |
| Bromine    | 81-1  | 38644    | 39769    | 39728    | 39380    | 1.62   | cps   |
| Cadmium    | 111-1 | 862783   | 865330   | 852085   | 860066   | 0.82   | cps   |
| Cadmium    | 106-1 | 103362   | 101834   | 102540   | 102578   | 0.75   | cps   |
| Cadmium    | 108-1 | 69165    | 67423    | 69048    | 68545    | 1.42   | cps   |
| Calcium    | 43-1  | 1379699  | 1381712  | 1365030  | 1375480  | 0.66   | cps   |
| Calcium    | 44-1  | 21882472 | 22720938 | 22043760 | 22215723 | 2.00   | cps   |
| Carbon     | 12-1  | 7425531  | 7601443  | 7508321  | 7511765  | 1.17   | cps   |
| Carbon     | 12-2  | 86380    | 87351    | 85256    | 86329    | 1.21   | cps   |
| Chlorine   | 35-1  | 127863   | 126904   | 128702   | 127823   | 0.70   | cps   |
| Chlorine   | 35-2  | 1158     | 1142     | 1283     | 1195     | 6.48   | cps   |
| Chromium   | 52-2  | 1008433  | 1009483  | 1000496  | 1006137  | 0.49   | cps   |
| Cobalt     | 59-2  | 1783685  | 1758763  | 1758981  | 1767143  | 0.81   | cps   |
| Copper     | 63-2  | 12462664 | 12799854 | 12549281 | 12603933 | 1.39   | cps   |
| Dysprosium | 156-1 | 175      | 225      | 192      | 197      | 12.91  | cps   |
| Dysprosium | 156-2 | 63       | 73       | 117      | 84       | 33.58  | cps   |
| Erbium     | 164-1 | 117      | 50       | 167      | 111      | 52.68  | cps   |
| Erbium     | 164-2 | 40       | 70       | 27       | 46       | 48.72  | cps   |
| Gadolinium | 160-1 | 200      | 208      | 208      | 206      | 2.34   | cps   |
| Gadolinium | 160-2 | 83       | 133      | 110      | 109      | 22.98  | cps   |
| Holmium    | 165-1 | 8436788  | 8264213  | 8280003  | 8327001  | 1.15   | cps   |
| Holmium    | 165-2 | 3298032  | 3389965  | 3019868  | 3235955  | 5.95   | cps   |
| Indium     | 115-1 | 7369958  | 7232820  | 7252363  | 7285047  | 1.02   | cps   |
| Indium     | 115-2 | 1223140  | 1242268  | 1140756  | 1202055  | 4.49   | cps   |
| Iron       | 54-2  | 2462340  | 2574921  | 2514861  | 2517374  | 2.24   | cps   |
| Iron       | 56-2  | 43942547 | 45001895 | 43933197 | 44292546 | 1.39   | cps   |
| Iron       | 57-2  | 1055226  | 1048607  | 1044268  | 1049367  | 0.53   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3906     | 3936     | 3995     | 3946     | 1.14   | cps   |
| Lead       | 206-1 | 11632934 | 11901219 | 12025693 | 11853282 | 1.69   | cps   |
| Lead       | 207-1 | 10590403 | 10257033 | 10215792 | 10354409 | 1.98   | cps   |
| Lead       | 208-1 | 48540374 | 47685686 | 47939826 | 48055295 | 0.91   | cps   |
| Lithium    | 6-1   | 4966710  | 4996195  | 4942223  | 4968376  | 0.54   | cps   |
| Magnesium  | 24-2  | 9205897  | 9076781  | 9308052  | 9196910  | 1.26   | cps   |
| Manganese  | 55-2  | 6205089  | 6520590  | 6244364  | 6323348  | 2.72   | cps   |
| Molybdenum | 94-1  | 12651258 | 12879141 | 12124409 | 12551603 | 3.08   | cps   |
| Molybdenum | 95-1  | 18636634 | 18460304 | 17925802 | 18340913 | 2.02   | cps   |
| Molybdenum | 96-1  | 20018858 | 19660315 | 19541291 | 19740155 | 1.26   | cps   |
| Molybdenum | 97-1  | 11119576 | 10933909 | 10812314 | 10955266 | 1.41   | cps   |
| Molybdenum | 98-1  | 28531803 | 28304596 | 28175911 | 28337437 | 0.64   | cps   |
| Neodymium  | 150-1 | 293      | 240      | 347      | 293      | 18.18  | cps   |
| Neodymium  | 150-2 | 17       | 40       | 20       | 26       | 49.38  | cps   |
| Nickel     | 60-2  | 438701   | 436196   | 430802   | 435233   | 0.93   | cps   |
| Phosphorus | 31-2  | 40767    | 42205    | 41510    | 41494    | 1.73   | cps   |
| Potassium  | 39-2  | 3968415  | 3970529  | 3858580  | 3932508  | 1.63   | cps   |
| Rhodium    | 103-1 | 6817233  | 6738004  | 6658519  | 6737919  | 1.18   | cps   |
| Rhodium    | 103-2 | 2865507  | 2965290  | 2614464  | 2815087  | 6.42   | cps   |
| Scandium   | 45-1  | 5492737  | 5775480  | 5684100  | 5650772  | 2.55   | cps   |
| Scandium   | 45-2  | 194903   | 199882   | 183670   | 192818   | 4.31   | cps   |
| Selenium   | 82-1  | 77709    | 75944    | 76647    | 76767    | 1.16   | cps   |
| Selenium   | 77-2  | 2870     | 2737     | 2797     | 2801     | 2.38   | cps   |
| Selenium   | 78-2  | 9433     | 9692     | 9504     | 9543     | 1.40   | cps   |
| Silicon    | 28-1  | 28425408 | 28965082 | 28231619 | 28540703 | 1.33   | cps   |
| Silver     | 107-1 | 4667287  | 4600665  | 4625381  | 4631111  | 0.73   | cps   |
| Silver     | 109-1 | 4696809  | 4522303  | 4480017  | 4566376  | 2.52   | cps   |
| Sodium     | 23-2  | 16872129 | 17220561 | 17058084 | 17050258 | 1.02   | cps   |
| Strontium  | 86-1  | 1234571  | 1220168  | 1240542  | 1231761  | 0.85   | cps   |
| Strontium  | 88-1  | 10987433 | 10657044 | 10806650 | 10817042 | 1.53   | cps   |
| Sulfur     | 34-1  | 756923   | 749542   | 746057   | 750841   | 0.74   | cps   |
| Terbium    | 159-1 | 8757365  | 9140196  | 8695678  | 8864413  | 2.72   | cps   |
| Terbium    | 159-2 | 3262150  | 3406441  | 3153625  | 3274072  | 3.87   | cps   |
| Thallium   | 203-1 | 2857014  | 2943811  | 3004698  | 2935174  | 2.53   | cps   |
| Thallium   | 205-1 | 6787963  | 6781737  | 6881211  | 6816970  | 0.82   | cps   |
| Tin        | 118-1 | 2922097  | 2888539  | 2961266  | 2923967  | 1.24   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146270BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146270BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:14:13 | DataFile Name :   | 039LCS6.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5899038  | 5902558  | 5890280  | 5897292  | 0.11   | cps   |
| Uranium   | 238-1 | 9293043  | 9300245  | 9037186  | 9210158  | 1.63   | cps   |
| Vanadium  | 51-2  | 841952   | 838325   | 843675   | 841317   | 0.32   | cps   |
| Ytterbium | 172-1 | 108      | 100      | 75       | 94       | 18.37  | cps   |
| Ytterbium | 172-2 | 56       | 17       | 44       | 39       | 51.50  | cps   |
| Ytterbium | 176-1 | 12590    | 13024    | 12581    | 12732    | 1.99   | cps   |
| Ytterbium | 176-2 | 8564     | 8781     | 8786     | 8710     | 1.46   | cps   |
| Yttrium   | 89-1  | 12968505 | 12568694 | 12854511 | 12797237 | 1.61   | cps   |
| Yttrium   | 89-2  | 1574178  | 1637497  | 1511531  | 1574402  | 4.00   | cps   |
| Zinc      | 66-2  | 1826052  | 1831877  | 1800966  | 1819632  | 0.90   | cps   |
| Zirconium | 90-1  | 6614275  | 6457768  | 6473812  | 6515285  | 1.32   | cps   |
| Zirconium | 91-1  | 1490434  | 1465160  | 1451163  | 1468919  | 1.35   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 62      | 66      | 59      | 62      | 6.00   | cps   |
| Antimony   | 121-1 | 192     | 208     | 325     | 242     | 30.06  | cps   |
| Arsenic    | 75-2  | 7       | 6       | 1       | 5       | 68.88  | cps   |
| Barium     | 135-1 | 8       | 58      | 17      | 28      | 96.44  | cps   |
| Barium     | 137-1 | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Beryllium  | 9-1   | 64      | 68      | 68      | 67      | 3.46   | cps   |
| Bismuth    | 209-1 | 4578071 | 4930108 | 4763627 | 4757269 | 3.70   | cps   |
| Bismuth    | 209-2 | 2164909 | 2241825 | 2253458 | 2220064 | 2.17   | cps   |
| Boron      | 10-1  | 6322    | 6418    | 6270    | 6337    | 1.19   | cps   |
| Boron      | 11-1  | 27905   | 27306   | 26122   | 27111   | 3.35   | cps   |
| Bromine    | 81-1  | 40622   | 37048   | 39177   | 38949   | 4.62   | cps   |
| Cadmium    | 111-1 | 508     | 530     | 616     | 551     | 10.32  | cps   |
| Cadmium    | 106-1 | 2725    | 2892    | 3109    | 2909    | 6.61   | cps   |
| Cadmium    | 108-1 | 113     | 129     | 104     | 115     | 11.04  | cps   |
| Calcium    | 43-1  | 160     | 195     | 211     | 189     | 13.88  | cps   |
| Calcium    | 44-1  | 6136    | 5958    | 6024    | 6039    | 1.49   | cps   |
| Carbon     | 12-1  | 6302699 | 6029607 | 5865742 | 6066016 | 3.64   | cps   |
| Carbon     | 12-2  | 63304   | 63295   | 62919   | 63173   | 0.35   | cps   |
| Chlorine   | 35-1  | 105140  | 106298  | 108136  | 106525  | 1.42   | cps   |
| Chlorine   | 35-2  | 1133    | 925     | 1008    | 1022    | 10.26  | cps   |
| Chromium   | 52-2  | 833     | 917     | 927     | 892     | 5.74   | cps   |
| Cobalt     | 59-2  | 60      | 60      | 57      | 59      | 3.26   | cps   |
| Copper     | 63-2  | 570     | 493     | 500     | 521     | 8.15   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 50      | 75      | 61      | 20.83  | cps   |
| Erbium     | 164-2 | 17      | 17      | 20      | 18      | 10.81  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 75      | 64      | 19.92  | cps   |
| Gadolinium | 160-2 | 53      | 60      | 53      | 56      | 6.93   | cps   |
| Holmium    | 165-1 | 7615113 | 8106252 | 7955635 | 7892333 | 3.19   | cps   |
| Holmium    | 165-2 | 3259057 | 3325074 | 3252684 | 3278938 | 1.22   | cps   |
| Indium     | 115-1 | 6666351 | 7097186 | 7240602 | 7001380 | 4.27   | cps   |
| Indium     | 115-2 | 1234914 | 1251838 | 1235844 | 1240865 | 0.77   | cps   |
| Iron       | 54-2  | 561     | 578     | 467     | 535     | 11.20  | cps   |
| Iron       | 56-2  | 4590    | 4406    | 4590    | 4529    | 2.34   | cps   |
| Iron       | 57-2  | 133     | 161     | 228     | 174     | 27.88  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 4010    | 3863    | 3968    | 3947    | 1.92   | cps   |
| Lead       | 206-1 | 856     | 889     | 811     | 852     | 4.58   | cps   |
| Lead       | 207-1 | 750     | 744     | 650     | 715     | 7.86   | cps   |
| Lead       | 208-1 | 3350    | 3511    | 3289    | 3384    | 3.39   | cps   |
| Lithium    | 6-1   | 4501441 | 4766367 | 4705123 | 4657644 | 2.98   | cps   |
| Magnesium  | 24-2  | 267     | 342     | 333     | 314     | 13.10  | cps   |
| Manganese  | 55-2  | 120     | 73      | 83      | 92      | 26.65  | cps   |
| Molybdenum | 94-1  | 325     | 292     | 375     | 331     | 12.69  | cps   |
| Molybdenum | 95-1  | 233     | 192     | 192     | 206     | 11.70  | cps   |
| Molybdenum | 96-1  | 492     | 533     | 442     | 489     | 9.39   | cps   |
| Molybdenum | 97-1  | 125     | 167     | 133     | 142     | 15.56  | cps   |
| Molybdenum | 98-1  | 550     | 392     | 358     | 433     | 23.63  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 47      | 43      | 40      | 43      | 7.70   | cps   |
| Phosphorus | 31-2  | 100     | 117     | 125     | 114     | 11.18  | cps   |
| Potassium  | 39-2  | 19130   | 18955   | 18637   | 18907   | 1.32   | cps   |
| Rhodium    | 103-1 | 6296521 | 6906868 | 6966602 | 6723330 | 5.52   | cps   |
| Rhodium    | 103-2 | 2945092 | 2906778 | 2849492 | 2900454 | 1.66   | cps   |
| Scandium   | 45-1  | 5171019 | 5504147 | 5686247 | 5453804 | 4.79   | cps   |
| Scandium   | 45-2  | 194111  | 198276  | 192007  | 194798  | 1.64   | cps   |
| Selenium   | 82-1  | -59     | -9      | -48     | -38     | -68.43 | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 108     | 121     | 100     | 110     | 9.66   | cps   |
| Silicon    | 28-1  | 423032  | 418300  | 415267  | 418866  | 0.93   | cps   |
| Silver     | 107-1 | 217     | 400     | 283     | 300     | 30.93  | cps   |
| Silver     | 109-1 | 225     | 258     | 383     | 289     | 28.90  | cps   |
| Sodium     | 23-2  | 13298   | 14049   | 13406   | 13584   | 2.99   | cps   |
| Strontium  | 86-1  | 6110    | 6143    | 6377    | 6210    | 2.34   | cps   |
| Strontium  | 88-1  | 150     | 117     | 183     | 150     | 22.22  | cps   |
| Sulfur     | 34-1  | 227192  | 229944  | 229130  | 228756  | 0.62   | cps   |
| Terbium    | 159-1 | 7852555 | 8392939 | 8293518 | 8179671 | 3.52   | cps   |
| Terbium    | 159-2 | 3238445 | 3304212 | 3237751 | 3260136 | 1.17   | cps   |
| Thallium   | 203-1 | 283     | 275     | 283     | 281     | 1.72   | cps   |
| Thallium   | 205-1 | 717     | 817     | 783     | 772     | 6.59   | cps   |
| Tin        | 118-1 | 633     | 658     | 583     | 625     | 6.11   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:28:35 | DataFile Name :   | 040CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 158      | 150      | 283      | 197      | 37.87  | cps   |
| Uranium   | 238-1 | 142      | 50       | 42       | 78       | 71.34  | cps   |
| Vanadium  | 51-2  | 17       | 0        | 10       | 9        | 94.38  | cps   |
| Ytterbium | 172-1 | 58       | 42       | 25       | 42       | 40.00  | cps   |
| Ytterbium | 172-2 | 11       | 17       | 33       | 20       | 56.76  | cps   |
| Ytterbium | 176-1 | 925      | 950      | 1067     | 981      | 7.71   | cps   |
| Ytterbium | 176-2 | 4067     | 4179     | 4234     | 4160     | 2.04   | cps   |
| Yttrium   | 89-1  | 11488915 | 12520291 | 12474420 | 12161209 | 4.79   | cps   |
| Yttrium   | 89-2  | 1612220  | 1570964  | 1572696  | 1585294  | 1.47   | cps   |
| Zinc      | 66-2  | 107      | 70       | 103      | 93       | 21.72  | cps   |
| Zirconium | 90-1  | 508      | 592      | 475      | 525      | 11.45  | cps   |
| Zirconium | 91-1  | 67       | 92       | 108      | 89       | 23.59  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 704245   | 700050   | 701360   | 701885   | 0.31   | cps   |
| Antimony   | 121-1 | 3103354  | 3050553  | 3048768  | 3067558  | 1.01   | cps   |
| Arsenic    | 75-2  | 106542   | 105881   | 105801   | 106075   | 0.38   | cps   |
| Barium     | 135-1 | 4325293  | 4152007  | 4163077  | 4213459  | 2.30   | cps   |
| Barium     | 137-1 | 7298179  | 7182826  | 7110071  | 7197026  | 1.32   | cps   |
| Beryllium  | 9-1   | 1472270  | 1536704  | 1521093  | 1510022  | 2.23   | cps   |
| Bismuth    | 209-1 | 5017219  | 4859474  | 4888576  | 4921756  | 1.71   | cps   |
| Bismuth    | 209-2 | 2198944  | 2220712  | 2247152  | 2222269  | 1.09   | cps   |
| Boron      | 10-1  | 342670   | 369026   | 378423   | 363373   | 5.10   | cps   |
| Boron      | 11-1  | 1389358  | 1503348  | 1479642  | 1457449  | 4.13   | cps   |
| Bromine    | 81-1  | 37831    | 36576    | 39417    | 37941    | 3.75   | cps   |
| Cadmium    | 111-1 | 852243   | 868005   | 858921   | 859723   | 0.92   | cps   |
| Cadmium    | 106-1 | 101876   | 99853    | 104144   | 101958   | 2.11   | cps   |
| Cadmium    | 108-1 | 70002    | 68507    | 69713    | 69407    | 1.14   | cps   |
| Calcium    | 43-1  | 1372828  | 1381065  | 1363596  | 1372496  | 0.64   | cps   |
| Calcium    | 44-1  | 21918320 | 21926612 | 21623441 | 21822791 | 0.79   | cps   |
| Carbon     | 12-1  | 7417624  | 7554239  | 7489865  | 7487243  | 0.91   | cps   |
| Carbon     | 12-2  | 86907    | 86522    | 87486    | 86971    | 0.56   | cps   |
| Chlorine   | 35-1  | 118398   | 121155   | 119928   | 119827   | 1.15   | cps   |
| Chlorine   | 35-2  | 1150     | 1258     | 1142     | 1183     | 5.50   | cps   |
| Chromium   | 52-2  | 1006858  | 999356   | 998892   | 1001702  | 0.45   | cps   |
| Cobalt     | 59-2  | 1758374  | 1811427  | 1770182  | 1779994  | 1.56   | cps   |
| Copper     | 63-2  | 12653170 | 12485947 | 12712107 | 12617075 | 0.93   | cps   |
| Dysprosium | 156-1 | 183      | 225      | 225      | 211      | 11.40  | cps   |
| Dysprosium | 156-2 | 70       | 70       | 57       | 66       | 11.74  | cps   |
| Erbium     | 164-1 | 67       | 142      | 108      | 106      | 35.60  | cps   |
| Erbium     | 164-2 | 33       | 47       | 60       | 47       | 28.58  | cps   |
| Gadolinium | 160-1 | 167      | 233      | 283      | 228      | 25.70  | cps   |
| Gadolinium | 160-2 | 103      | 107      | 127      | 112      | 11.24  | cps   |
| Holmium    | 165-1 | 8261590  | 8445109  | 8565628  | 8424109  | 1.82   | cps   |
| Holmium    | 165-2 | 3376592  | 3468303  | 3367485  | 3404127  | 1.64   | cps   |
| Indium     | 115-1 | 7349704  | 7289686  | 7298997  | 7312796  | 0.44   | cps   |
| Indium     | 115-2 | 1218271  | 1243062  | 1204577  | 1221970  | 1.60   | cps   |
| Iron       | 54-2  | 2521680  | 2415950  | 2491794  | 2476474  | 2.20   | cps   |
| Iron       | 56-2  | 44745918 | 43378916 | 43178911 | 43767915 | 1.95   | cps   |
| Iron       | 57-2  | 1048314  | 1055384  | 1053012  | 1052237  | 0.34   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3934     | 4013     | 4113     | 4020     | 2.23   | cps   |
| Lead       | 206-1 | 11935517 | 11949069 | 12087792 | 11990793 | 0.70   | cps   |
| Lead       | 207-1 | 10304306 | 10124369 | 10146709 | 10191795 | 0.96   | cps   |
| Lead       | 208-1 | 47396615 | 47550795 | 46665609 | 47204339 | 1.00   | cps   |
| Lithium    | 6-1   | 4917172  | 4978344  | 4996028  | 4963848  | 0.83   | cps   |
| Magnesium  | 24-2  | 9116569  | 9176866  | 9257245  | 9183560  | 0.77   | cps   |
| Manganese  | 55-2  | 6260243  | 6127422  | 6141625  | 6176430  | 1.18   | cps   |
| Molybdenum | 94-1  | 12382656 | 12100912 | 12395161 | 12292910 | 1.35   | cps   |
| Molybdenum | 95-1  | 17993209 | 17496325 | 17893484 | 17794339 | 1.48   | cps   |
| Molybdenum | 96-1  | 19334057 | 19181532 | 19131959 | 19215850 | 0.55   | cps   |
| Molybdenum | 97-1  | 11107587 | 10779774 | 10836802 | 10908054 | 1.61   | cps   |
| Molybdenum | 98-1  | 29106520 | 27975736 | 28200017 | 28427425 | 2.11   | cps   |
| Neodymium  | 150-1 | 253      | 333      | 280      | 289      | 14.10  | cps   |
| Neodymium  | 150-2 | 23       | 7        | 40       | 23       | 71.42  | cps   |
| Nickel     | 60-2  | 434762   | 438882   | 435889   | 436511   | 0.49   | cps   |
| Phosphorus | 31-2  | 40967    | 41293    | 39697    | 40652    | 2.07   | cps   |
| Potassium  | 39-2  | 3969692  | 3944518  | 3993333  | 3969181  | 0.62   | cps   |
| Rhodium    | 103-1 | 7164905  | 6595841  | 7021150  | 6927299  | 4.27   | cps   |
| Rhodium    | 103-2 | 2811843  | 2827018  | 2828436  | 2822432  | 0.33   | cps   |
| Scandium   | 45-1  | 5753923  | 5487390  | 5629224  | 5623512  | 2.37   | cps   |
| Scandium   | 45-2  | 197281   | 197499   | 198225   | 197668   | 0.25   | cps   |
| Selenium   | 82-1  | 76736    | 76502    | 76089    | 76442    | 0.43   | cps   |
| Selenium   | 77-2  | 2710     | 2834     | 2990     | 2845     | 4.93   | cps   |
| Selenium   | 78-2  | 9441     | 9467     | 9437     | 9448     | 0.17   | cps   |
| Silicon    | 28-1  | 27688231 | 28380481 | 28073821 | 28047511 | 1.24   | cps   |
| Silver     | 107-1 | 4786796  | 4656217  | 4582700  | 4675238  | 2.21   | cps   |
| Silver     | 109-1 | 4518053  | 4675361  | 4487585  | 4560333  | 2.21   | cps   |
| Sodium     | 23-2  | 16735888 | 17064634 | 17078827 | 16959783 | 1.14   | cps   |
| Strontium  | 86-1  | 1248995  | 1252755  | 1230934  | 1244228  | 0.94   | cps   |
| Strontium  | 88-1  | 10778448 | 10990326 | 10821474 | 10863416 | 1.03   | cps   |
| Sulfur     | 34-1  | 740876   | 745095   | 730909   | 738960   | 0.99   | cps   |
| Terbium    | 159-1 | 9198727  | 8760465  | 8819578  | 8926257  | 2.66   | cps   |
| Terbium    | 159-2 | 3325636  | 3338410  | 3384013  | 3349353  | 0.92   | cps   |
| Thallium   | 203-1 | 3027163  | 2963517  | 3028741  | 3006474  | 1.24   | cps   |
| Thallium   | 205-1 | 6873432  | 6881038  | 7070484  | 6941652  | 1.61   | cps   |
| Tin        | 118-1 | 2941253  | 2942424  | 2820129  | 2901269  | 2.42   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146269BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146269BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:31:37 | DataFile Name :   | 041LCSS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6042586  | 5900702  | 5815076  | 5919455  | 1.94   | cps   |
| Uranium   | 238-1 | 9235930  | 8596279  | 8913551  | 8915253  | 3.59   | cps   |
| Vanadium  | 51-2  | 829161   | 826055   | 821413   | 825543   | 0.47   | cps   |
| Ytterbium | 172-1 | 42       | 100      | 83       | 75       | 40.06  | cps   |
| Ytterbium | 172-2 | 67       | 33       | 33       | 44       | 43.31  | cps   |
| Ytterbium | 176-1 | 13107    | 13099    | 12773    | 12993    | 1.46   | cps   |
| Ytterbium | 176-2 | 8859     | 8647     | 8764     | 8757     | 1.21   | cps   |
| Yttrium   | 89-1  | 12732688 | 12755105 | 12821337 | 12769710 | 0.36   | cps   |
| Yttrium   | 89-2  | 1603765  | 1619703  | 1602983  | 1608817  | 0.59   | cps   |
| Zinc      | 66-2  | 1789277  | 1823350  | 1800084  | 1804237  | 0.97   | cps   |
| Zirconium | 90-1  | 6374701  | 6493830  | 6481778  | 6450103  | 1.02   | cps   |
| Zirconium | 91-1  | 1446095  | 1433877  | 1422451  | 1434141  | 0.82   | cps   |

LB Number : LB121221 Operator : Jaswal  
 Lab Sample ID : PB146321BL Instrumnet Name : P8  
 Client Sample ID : PB146321BL Dilution Factor : 1  
 Date & Time Acquired : 2022-05-12 16:35:53 DataFile Name : 042CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 70      | 111     | 80      | 87      | 24.71  | cps   |
| Antimony   | 121-1 | 583     | 675     | 967     | 742     | 26.99  | cps   |
| Arsenic    | 75-2  | 9       | 20      | 6       | 12      | 63.18  | cps   |
| Barium     | 135-1 | 158     | 183     | 133     | 158     | 15.79  | cps   |
| Barium     | 137-1 | 233     | 458     | 108     | 267     | 66.51  | cps   |
| Beryllium  | 9-1   | 78      | 122     | 112     | 104     | 22.18  | cps   |
| Bismuth    | 209-1 | 5125203 | 5110877 | 4971152 | 5069077 | 1.68   | cps   |
| Bismuth    | 209-2 | 2258592 | 2235745 | 2053382 | 2182573 | 5.15   | cps   |
| Boron      | 10-1  | 23582   | 21492   | 21389   | 22154   | 5.59   | cps   |
| Boron      | 11-1  | 98836   | 97052   | 91607   | 95831   | 3.93   | cps   |
| Bromine    | 81-1  | 39317   | 39055   | 38765   | 39046   | 0.71   | cps   |
| Cadmium    | 111-1 | 598     | 555     | 627     | 593     | 6.08   | cps   |
| Cadmium    | 106-1 | 3209    | 2892    | 3075    | 3059    | 5.20   | cps   |
| Cadmium    | 108-1 | 133     | 158     | 108     | 133     | 18.75  | cps   |
| Calcium    | 43-1  | 201     | 259     | 220     | 227     | 12.94  | cps   |
| Calcium    | 44-1  | 6511    | 6506    | 6074    | 6364    | 3.94   | cps   |
| Carbon     | 12-1  | 6260962 | 5939756 | 5899386 | 6033368 | 3.28   | cps   |
| Carbon     | 12-2  | 64190   | 63923   | 64651   | 64255   | 0.57   | cps   |
| Chlorine   | 35-1  | 102227  | 102714  | 100557  | 101833  | 1.11   | cps   |
| Chlorine   | 35-2  | 1017    | 925     | 1042    | 995     | 6.18   | cps   |
| Chromium   | 52-2  | 827     | 937     | 893     | 886     | 6.26   | cps   |
| Cobalt     | 59-2  | 57      | 157     | 117     | 110     | 45.76  | cps   |
| Copper     | 63-2  | 710     | 1540    | 1027    | 1092    | 38.35  | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 75      | 50      | 100     | 75      | 33.33  | cps   |
| Erbium     | 164-2 | 20      | 20      | 17      | 19      | 10.18  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 117     | 64      | 71.84  | cps   |
| Gadolinium | 160-2 | 73      | 80      | 47      | 67      | 26.45  | cps   |
| Holmium    | 165-1 | 8145575 | 8456359 | 8442215 | 8348050 | 2.10   | cps   |
| Holmium    | 165-2 | 3346077 | 3251631 | 3073048 | 3223585 | 4.30   | cps   |
| Indium     | 115-1 | 7342176 | 7330161 | 7145774 | 7272703 | 1.51   | cps   |
| Indium     | 115-2 | 1229005 | 1199258 | 1142677 | 1190313 | 3.68   | cps   |
| Iron       | 54-2  | 589     | 672     | 611     | 624     | 6.91   | cps   |
| Iron       | 56-2  | 4623    | 7469    | 5051    | 5714    | 26.85  | cps   |
| Iron       | 57-2  | 156     | 222     | 278     | 219     | 28.01  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:35:53 | DataFile Name :   | 042CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Krypton    | 83-1  | 4104    | 3866    | 3943    | 3971    | 3.05    | cps   |
| Lead       | 206-1 | 1156    | 1300    | 1006    | 1154    | 12.76   | cps   |
| Lead       | 207-1 | 972     | 1056    | 861     | 963     | 10.13   | cps   |
| Lead       | 208-1 | 4795    | 5417    | 4150    | 4788    | 13.23   | cps   |
| Lithium    | 6-1   | 4801445 | 4781068 | 5101354 | 4894622 | 3.66    | cps   |
| Magnesium  | 24-2  | 300     | 992     | 567     | 619     | 56.32   | cps   |
| Manganese  | 55-2  | 123     | 520     | 250     | 298     | 68.04   | cps   |
| Molybdenum | 94-1  | 583     | 850     | 642     | 692     | 20.27   | cps   |
| Molybdenum | 95-1  | 733     | 725     | 592     | 683     | 11.63   | cps   |
| Molybdenum | 96-1  | 933     | 1175    | 967     | 1025    | 12.78   | cps   |
| Molybdenum | 97-1  | 533     | 425     | 400     | 453     | 15.65   | cps   |
| Molybdenum | 98-1  | 1208    | 1267    | 1192    | 1222    | 3.22    | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 70      | 63      | 57      | 63      | 10.52   | cps   |
| Phosphorus | 31-2  | 142     | 100     | 75      | 106     | 31.91   | cps   |
| Potassium  | 39-2  | 18713   | 18546   | 19305   | 18854   | 2.12    | cps   |
| Rhodium    | 103-1 | 6876693 | 6987227 | 6908083 | 6924001 | 0.82    | cps   |
| Rhodium    | 103-2 | 2802987 | 2918820 | 2659079 | 2793629 | 4.66    | cps   |
| Scandium   | 45-1  | 5491881 | 5493186 | 5514996 | 5500021 | 0.24    | cps   |
| Scandium   | 45-2  | 190512  | 189874  | 180075  | 186820  | 3.13    | cps   |
| Selenium   | 82-1  | -243    | 40      | -40     | -81     | -180.14 | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Selenium   | 78-2  | 116     | 96      | 91      | 101     | 13.10   | cps   |
| Silicon    | 28-1  | 438283  | 426726  | 426569  | 430526  | 1.56    | cps   |
| Silver     | 107-1 | 733     | 842     | 717     | 764     | 8.88    | cps   |
| Silver     | 109-1 | 742     | 825     | 542     | 703     | 20.72   | cps   |
| Sodium     | 23-2  | 14549   | 15701   | 15275   | 15175   | 3.84    | cps   |
| Strontium  | 86-1  | 6285    | 6460    | 6177    | 6307    | 2.27    | cps   |
| Strontium  | 88-1  | 383     | 500     | 183     | 356     | 45.04   | cps   |
| Sulfur     | 34-1  | 214444  | 211510  | 212050  | 212668  | 0.73    | cps   |
| Terbium    | 159-1 | 8536348 | 8615442 | 8481081 | 8544290 | 0.79    | cps   |
| Terbium    | 159-2 | 3305910 | 3299942 | 3151271 | 3252374 | 2.69    | cps   |
| Thallium   | 203-1 | 608     | 633     | 650     | 631     | 3.33    | cps   |
| Thallium   | 205-1 | 1217    | 1342    | 1225    | 1261    | 5.54    | cps   |
| Tin        | 118-1 | 708     | 675     | 767     | 717     | 6.48    | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:35:53 | DataFile Name :   | 042CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 392      | 467      | 342      | 400      | 15.73  | cps   |
| Uranium   | 238-1 | 217      | 358      | 183      | 253      | 36.76  | cps   |
| Vanadium  | 51-2  | 10       | 50       | 37       | 32       | 63.21  | cps   |
| Ytterbium | 172-1 | 33       | 67       | 50       | 50       | 33.34  | cps   |
| Ytterbium | 172-2 | 28       | 28       | 17       | 24       | 26.64  | cps   |
| Ytterbium | 176-1 | 825      | 1017     | 883      | 908      | 10.82  | cps   |
| Ytterbium | 176-2 | 3717     | 4051     | 3862     | 3877     | 4.31   | cps   |
| Yttrium   | 89-1  | 12104511 | 12246267 | 12340393 | 12230390 | 0.97   | cps   |
| Yttrium   | 89-2  | 1539721  | 1571680  | 1445003  | 1518801  | 4.34   | cps   |
| Zinc      | 66-2  | 103      | 207      | 140      | 150      | 34.93  | cps   |
| Zirconium | 90-1  | 775      | 842      | 658      | 758      | 12.24  | cps   |
| Zirconium | 91-1  | 100      | 167      | 208      | 158      | 34.51  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 685782   | 681840   | 688608   | 685410   | 0.50   | cps   |
| Antimony   | 121-1 | 3061071  | 2992922  | 3071729  | 3041908  | 1.41   | cps   |
| Arsenic    | 75-2  | 101304   | 100721   | 101466   | 101164   | 0.39   | cps   |
| Barium     | 135-1 | 4240000  | 4178490  | 4231296  | 4216595  | 0.79   | cps   |
| Barium     | 137-1 | 7439492  | 7241203  | 7116439  | 7265711  | 2.24   | cps   |
| Beryllium  | 9-1   | 1448219  | 1456154  | 1423847  | 1442740  | 1.17   | cps   |
| Bismuth    | 209-1 | 4920043  | 4914766  | 4890804  | 4908538  | 0.32   | cps   |
| Bismuth    | 209-2 | 2225181  | 2105206  | 2157213  | 2162534  | 2.78   | cps   |
| Boron      | 10-1  | 353562   | 363550   | 371163   | 362758   | 2.43   | cps   |
| Boron      | 11-1  | 1413790  | 1536118  | 1448708  | 1466205  | 4.30   | cps   |
| Bromine    | 81-1  | 36968    | 35231    | 35773    | 35991    | 2.47   | cps   |
| Cadmium    | 111-1 | 830088   | 833537   | 849073   | 837566   | 1.21   | cps   |
| Cadmium    | 106-1 | 101475   | 99845    | 102843   | 101388   | 1.48   | cps   |
| Cadmium    | 108-1 | 65706    | 67577    | 67394    | 66892    | 1.54   | cps   |
| Calcium    | 43-1  | 1402502  | 1377110  | 1355929  | 1378514  | 1.69   | cps   |
| Calcium    | 44-1  | 21803753 | 21726740 | 20868221 | 21466238 | 2.42   | cps   |
| Carbon     | 12-1  | 7446298  | 7585800  | 7443776  | 7491958  | 1.08   | cps   |
| Carbon     | 12-2  | 82106    | 83229    | 84233    | 83189    | 1.28   | cps   |
| Chlorine   | 35-1  | 121012   | 118493   | 118499   | 119334   | 1.22   | cps   |
| Chlorine   | 35-2  | 1258     | 1067     | 1167     | 1164     | 8.24   | cps   |
| Chromium   | 52-2  | 987807   | 975444   | 974936   | 979396   | 0.74   | cps   |
| Cobalt     | 59-2  | 1749303  | 1776800  | 1741376  | 1755826  | 1.06   | cps   |
| Copper     | 63-2  | 12268439 | 12029160 | 12297978 | 12198526 | 1.21   | cps   |
| Dysprosium | 156-1 | 167      | 267      | 242      | 225      | 23.13  | cps   |
| Dysprosium | 156-2 | 110      | 93       | 70       | 91       | 22.05  | cps   |
| Erbium     | 164-1 | 117      | 192      | 108      | 139      | 33.04  | cps   |
| Erbium     | 164-2 | 77       | 47       | 57       | 60       | 25.46  | cps   |
| Gadolinium | 160-1 | 183      | 208      | 233      | 208      | 12.00  | cps   |
| Gadolinium | 160-2 | 137      | 100      | 113      | 117      | 15.91  | cps   |
| Holmium    | 165-1 | 8628881  | 8459724  | 8146027  | 8411544  | 2.91   | cps   |
| Holmium    | 165-2 | 3281352  | 3342068  | 3291530  | 3304983  | 0.98   | cps   |
| Indium     | 115-1 | 7358456  | 7092307  | 7094700  | 7181821  | 2.13   | cps   |
| Indium     | 115-2 | 1207170  | 1194852  | 1222162  | 1208062  | 1.13   | cps   |
| Iron       | 54-2  | 2429332  | 2450542  | 2477051  | 2452308  | 0.97   | cps   |
| Iron       | 56-2  | 42644682 | 43049473 | 43767293 | 43153816 | 1.32   | cps   |
| Iron       | 57-2  | 1047243  | 1020945  | 1031223  | 1033137  | 1.28   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3913     | 3944     | 3970     | 3942     | 0.73   | cps   |
| Lead       | 206-1 | 11757945 | 11801444 | 11785766 | 11781718 | 0.19   | cps   |
| Lead       | 207-1 | 10152682 | 10335547 | 10107511 | 10198580 | 1.18   | cps   |
| Lead       | 208-1 | 47690432 | 47411779 | 47479343 | 47527185 | 0.31   | cps   |
| Lithium    | 6-1   | 4918456  | 4906582  | 4576572  | 4800537  | 4.04   | cps   |
| Magnesium  | 24-2  | 9217444  | 8942595  | 8970572  | 9043537  | 1.67   | cps   |
| Manganese  | 55-2  | 6052046  | 6117216  | 6228945  | 6132736  | 1.46   | cps   |
| Molybdenum | 94-1  | 12270841 | 12596425 | 12259371 | 12375546 | 1.55   | cps   |
| Molybdenum | 95-1  | 17823612 | 18305352 | 17912366 | 18013777 | 1.42   | cps   |
| Molybdenum | 96-1  | 19399441 | 19672999 | 19451800 | 19508080 | 0.74   | cps   |
| Molybdenum | 97-1  | 10619460 | 10898376 | 10967505 | 10828447 | 1.70   | cps   |
| Molybdenum | 98-1  | 28317446 | 27714660 | 28031632 | 28021246 | 1.08   | cps   |
| Neodymium  | 150-1 | 320      | 280      | 300      | 300      | 6.67   | cps   |
| Neodymium  | 150-2 | 33       | 20       | 33       | 29       | 26.64  | cps   |
| Nickel     | 60-2  | 422442   | 420686   | 421367   | 421498   | 0.21   | cps   |
| Phosphorus | 31-2  | 39270    | 38636    | 39671    | 39192    | 1.33   | cps   |
| Potassium  | 39-2  | 3966357  | 3829319  | 3889430  | 3895035  | 1.76   | cps   |
| Rhodium    | 103-1 | 6788753  | 6441286  | 6649379  | 6626473  | 2.64   | cps   |
| Rhodium    | 103-2 | 2817217  | 2866102  | 2903260  | 2862193  | 1.51   | cps   |
| Scandium   | 45-1  | 5600060  | 5667160  | 5275241  | 5514154  | 3.80   | cps   |
| Scandium   | 45-2  | 193339   | 195023   | 196247   | 194870   | 0.75   | cps   |
| Selenium   | 82-1  | 73233    | 73601    | 72746    | 73194    | 0.59   | cps   |
| Selenium   | 77-2  | 2587     | 2497     | 2650     | 2578     | 2.99   | cps   |
| Selenium   | 78-2  | 8703     | 8594     | 8763     | 8687     | 0.98   | cps   |
| Silicon    | 28-1  | 28250013 | 28374420 | 28541605 | 28388679 | 0.52   | cps   |
| Silver     | 107-1 | 4675190  | 4698717  | 4839881  | 4737929  | 1.88   | cps   |
| Silver     | 109-1 | 4482635  | 4292600  | 4391374  | 4388870  | 2.17   | cps   |
| Sodium     | 23-2  | 16953392 | 16193443 | 16188081 | 16444972 | 2.68   | cps   |
| Strontium  | 86-1  | 1223892  | 1243990  | 1239071  | 1235651  | 0.85   | cps   |
| Strontium  | 88-1  | 10717869 | 10796099 | 10766385 | 10760118 | 0.37   | cps   |
| Sulfur     | 34-1  | 712851   | 718967   | 729023   | 720280   | 1.13   | cps   |
| Terbium    | 159-1 | 8773503  | 8830747  | 8557708  | 8720653  | 1.65   | cps   |
| Terbium    | 159-2 | 3257715  | 3312461  | 3327717  | 3299298  | 1.12   | cps   |
| Thallium   | 203-1 | 2937940  | 2855681  | 2969452  | 2921024  | 2.01   | cps   |
| Thallium   | 205-1 | 7008868  | 6680443  | 6850020  | 6846444  | 2.40   | cps   |
| Tin        | 118-1 | 2909583  | 2887473  | 2795887  | 2864314  | 2.10   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB146321BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB146321BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 16:47:48 | DataFile Name :   | 046LCSW.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6028672  | 5946457  | 5783592  | 5919574  | 2.11   | cps   |
| Uranium   | 238-1 | 9084066  | 9119591  | 9100902  | 9101520  | 0.20   | cps   |
| Vanadium  | 51-2  | 821656   | 818474   | 824498   | 821542   | 0.37   | cps   |
| Ytterbium | 172-1 | 50       | 100      | 75       | 75       | 33.33  | cps   |
| Ytterbium | 172-2 | 39       | 44       | 22       | 35       | 32.88  | cps   |
| Ytterbium | 176-1 | 13124    | 12965    | 12840    | 12976    | 1.10   | cps   |
| Ytterbium | 176-2 | 8620     | 8431     | 8642     | 8564     | 1.36   | cps   |
| Yttrium   | 89-1  | 12758707 | 12723856 | 12548794 | 12677119 | 0.89   | cps   |
| Yttrium   | 89-2  | 1633763  | 1630492  | 1598044  | 1620766  | 1.22   | cps   |
| Zinc      | 66-2  | 1703180  | 1708682  | 1701377  | 1704413  | 0.22   | cps   |
| Zirconium | 90-1  | 6472561  | 6532126  | 6503444  | 6502710  | 0.46   | cps   |
| Zirconium | 91-1  | 1462371  | 1489691  | 1436712  | 1462925  | 1.81   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3572175   | 3601090   | 3608460   | 3593909   | 0.53   | cps   |
| Antimony   | 121-1 | 3051866   | 3074285   | 3092661   | 3072937   | 0.66   | cps   |
| Arsenic    | 75-2  | 99437     | 98189     | 97908     | 98511     | 0.83   | cps   |
| Barium     | 135-1 | 4035040   | 4098334   | 4142402   | 4091926   | 1.32   | cps   |
| Barium     | 137-1 | 7085528   | 7073964   | 7092928   | 7084140   | 0.13   | cps   |
| Beryllium  | 9-1   | 1396091   | 1383653   | 1415112   | 1398285   | 1.13   | cps   |
| Bismuth    | 209-1 | 4748383   | 4555047   | 4557002   | 4620144   | 2.40   | cps   |
| Bismuth    | 209-2 | 2061521   | 2128465   | 2116685   | 2102224   | 1.70   | cps   |
| Boron      | 10-1  | 362660    | 373791    | 388582    | 375011    | 3.47   | cps   |
| Boron      | 11-1  | 1438960   | 1474442   | 1640641   | 1518015   | 7.09   | cps   |
| Bromine    | 81-1  | 35853     | 37540     | 34639     | 36011     | 4.05   | cps   |
| Cadmium    | 111-1 | 795521    | 793114    | 798110    | 795582    | 0.31   | cps   |
| Cadmium    | 106-1 | 96831     | 94214     | 96186     | 95744     | 1.42   | cps   |
| Cadmium    | 108-1 | 62609     | 64258     | 64157     | 63675     | 1.45   | cps   |
| Calcium    | 43-1  | 6652765   | 6518420   | 6540529   | 6570572   | 1.10   | cps   |
| Calcium    | 44-1  | 108280065 | 104062372 | 105379730 | 105907389 | 2.04   | cps   |
| Carbon     | 12-1  | 7039543   | 7107529   | 7186969   | 7111347   | 1.04   | cps   |
| Carbon     | 12-2  | 81544     | 82113     | 80177     | 81278     | 1.22   | cps   |
| Chlorine   | 35-1  | 120231    | 120692    | 117660    | 119528    | 1.37   | cps   |
| Chlorine   | 35-2  | 1317      | 1275      | 1150      | 1247      | 6.95   | cps   |
| Chromium   | 52-2  | 984493    | 986480    | 968686    | 979886    | 1.00   | cps   |
| Cobalt     | 59-2  | 1746604   | 1692327   | 1645750   | 1694894   | 2.98   | cps   |
| Copper     | 63-2  | 12610860  | 12369166  | 12185384  | 12388470  | 1.72   | cps   |
| Dysprosium | 156-1 | 358       | 492       | 433       | 428       | 15.63  | cps   |
| Dysprosium | 156-2 | 153       | 123       | 173       | 150       | 16.78  | cps   |
| Erbium     | 164-1 | 117       | 175       | 117       | 136       | 24.75  | cps   |
| Erbium     | 164-2 | 40        | 43        | 60        | 48        | 22.43  | cps   |
| Gadolinium | 160-1 | 325       | 242       | 325       | 297       | 16.19  | cps   |
| Gadolinium | 160-2 | 220       | 137       | 180       | 179       | 23.30  | cps   |
| Holmium    | 165-1 | 8990167   | 8276693   | 8093084   | 8453315   | 5.61   | cps   |
| Holmium    | 165-2 | 3336915   | 3322008   | 3418873   | 3359265   | 1.55   | cps   |
| Indium     | 115-1 | 7701379   | 7154362   | 7127966   | 7327902   | 4.42   | cps   |
| Indium     | 115-2 | 1177665   | 1193429   | 1193842   | 1188312   | 0.78   | cps   |
| Iron       | 54-2  | 11779141  | 11668673  | 11447063  | 11631626  | 1.45   | cps   |
| Iron       | 56-2  | 210002605 | 208582327 | 207567266 | 208717399 | 0.59   | cps   |
| Iron       | 57-2  | 5501893   | 5270470   | 5146786   | 5306383   | 3.40   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 3938     | 3993     | 4030     | 3987     | 1.17   | cps   |
| Lead       | 206-1 | 10894371 | 11554859 | 11258714 | 11235982 | 2.94   | cps   |
| Lead       | 207-1 | 9538893  | 9975534  | 9825579  | 9780002  | 2.27   | cps   |
| Lead       | 208-1 | 43852915 | 45623272 | 44927972 | 44801386 | 1.99   | cps   |
| Lithium    | 6-1   | 5097588  | 4835583  | 4962203  | 4965125  | 2.64   | cps   |
| Magnesium  | 24-2  | 42943653 | 43970013 | 42723855 | 43212507 | 1.54   | cps   |
| Manganese  | 55-2  | 6132699  | 6102018  | 5894817  | 6043178  | 2.14   | cps   |
| Molybdenum | 94-1  | 11788741 | 12547089 | 12573263 | 12303031 | 3.62   | cps   |
| Molybdenum | 95-1  | 17415499 | 17857058 | 18110220 | 17794259 | 1.98   | cps   |
| Molybdenum | 96-1  | 19231202 | 19458151 | 19783938 | 19491097 | 1.43   | cps   |
| Molybdenum | 97-1  | 10786496 | 10826510 | 10864188 | 10825731 | 0.36   | cps   |
| Molybdenum | 98-1  | 28470173 | 28058758 | 28194965 | 28241299 | 0.74   | cps   |
| Neodymium  | 150-1 | 327      | 307      | 240      | 291      | 15.59  | cps   |
| Neodymium  | 150-2 | 50       | 53       | 37       | 47       | 18.89  | cps   |
| Nickel     | 60-2  | 430373   | 433372   | 424592   | 429446   | 1.04   | cps   |
| Phosphorus | 31-2  | 39538    | 38026    | 39221    | 38928    | 2.05   | cps   |
| Potassium  | 39-2  | 19300320 | 19155208 | 18872986 | 19109505 | 1.14   | cps   |
| Rhodium    | 103-1 | 6859286  | 6567104  | 6620419  | 6682270  | 2.33   | cps   |
| Rhodium    | 103-2 | 2708332  | 2675636  | 2700473  | 2694814  | 0.63   | cps   |
| Scandium   | 45-1  | 6121393  | 5469874  | 5692409  | 5761225  | 5.75   | cps   |
| Scandium   | 45-2  | 194718   | 197855   | 201220   | 197931   | 1.64   | cps   |
| Selenium   | 82-1  | 70373    | 71822    | 71716    | 71304    | 1.13   | cps   |
| Selenium   | 77-2  | 2480     | 2470     | 2670     | 2540     | 4.44   | cps   |
| Selenium   | 78-2  | 8868     | 8905     | 8821     | 8864     | 0.48   | cps   |
| Silicon    | 28-1  | 27185056 | 27483218 | 28382238 | 27683504 | 2.25   | cps   |
| Silver     | 107-1 | 4505890  | 4405354  | 4378911  | 4430052  | 1.51   | cps   |
| Silver     | 109-1 | 4239213  | 4345161  | 4291201  | 4291858  | 1.23   | cps   |
| Sodium     | 23-2  | 81629568 | 82700141 | 80952125 | 81760612 | 1.08   | cps   |
| Strontium  | 86-1  | 1221991  | 1211270  | 1208276  | 1213846  | 0.59   | cps   |
| Strontium  | 88-1  | 10342400 | 10532797 | 10615234 | 10496810 | 1.33   | cps   |
| Sulfur     | 34-1  | 693670   | 716385   | 710321   | 706792   | 1.66   | cps   |
| Terbium    | 159-1 | 9032525  | 8613158  | 8954175  | 8866619  | 2.51   | cps   |
| Terbium    | 159-2 | 3381897  | 3407135  | 3448394  | 3412475  | 0.98   | cps   |
| Thallium   | 203-1 | 2785449  | 2840440  | 2923580  | 2849823  | 2.44   | cps   |
| Thallium   | 205-1 | 6373743  | 6828370  | 6685596  | 6629237  | 3.51   | cps   |
| Tin        | 118-1 | 2810219  | 2850244  | 2799942  | 2820135  | 0.94   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB121221            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV50               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV50               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-05-12 16:50:41 | DataFile Name :   | 047CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5898804  | 5797368  | 6028562  | 5908245  | 1.96   | cps   |
| Uranium   | 238-1 | 8913102  | 9063132  | 8692601  | 8889612  | 2.10   | cps   |
| Vanadium  | 51-2  | 824195   | 820974   | 814366   | 819845   | 0.61   | cps   |
| Ytterbium | 172-1 | 167      | 108      | 83       | 119      | 35.80  | cps   |
| Ytterbium | 172-2 | 83       | 100      | 28       | 70       | 53.74  | cps   |
| Ytterbium | 176-1 | 12323    | 12498    | 12406    | 12409    | 0.71   | cps   |
| Ytterbium | 176-2 | 8536     | 8798     | 8831     | 8722     | 1.85   | cps   |
| Yttrium   | 89-1  | 13033931 | 12422086 | 12928704 | 12794907 | 2.56   | cps   |
| Yttrium   | 89-2  | 1570965  | 1644187  | 1592006  | 1602386  | 2.35   | cps   |
| Zinc      | 66-2  | 1696411  | 1713161  | 1683190  | 1697588  | 0.88   | cps   |
| Zirconium | 90-1  | 6179124  | 6309149  | 6508591  | 6332288  | 2.62   | cps   |
| Zirconium | 91-1  | 1391120  | 1448185  | 1452844  | 1430716  | 2.40   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 275     | 186     | 179     | 213     | 25.10  | cps   |
| Antimony   | 121-1 | 567     | 733     | 1050    | 783     | 31.34  | cps   |
| Arsenic    | 75-2  | 19      | 11      | 12      | 14      | 31.13  | cps   |
| Barium     | 135-1 | 25      | 217     | 492     | 244     | 95.96  | cps   |
| Barium     | 137-1 | 125     | 433     | 783     | 447     | 73.65  | cps   |
| Beryllium  | 9-1   | 154     | 182     | 326     | 221     | 41.82  | cps   |
| Bismuth    | 209-1 | 4870419 | 5165172 | 5042979 | 5026190 | 2.95   | cps   |
| Bismuth    | 209-2 | 1791557 | 2414841 | 2271892 | 2159430 | 15.12  | cps   |
| Boron      | 10-1  | 26713   | 26939   | 25926   | 26526   | 2.01   | cps   |
| Boron      | 11-1  | 121544  | 114015  | 111351  | 115637  | 4.57   | cps   |
| Bromine    | 81-1  | 34629   | 36958   | 37530   | 36372   | 4.22   | cps   |
| Cadmium    | 111-1 | 756     | 701     | 790     | 749     | 6.04   | cps   |
| Cadmium    | 106-1 | 3476    | 3175    | 3242    | 3298    | 4.78   | cps   |
| Cadmium    | 108-1 | 92      | 121     | 125     | 113     | 16.14  | cps   |
| Calcium    | 43-1  | 275     | 355     | 674     | 435     | 48.54  | cps   |
| Calcium    | 44-1  | 8010    | 9211    | 13931   | 10384   | 30.14  | cps   |
| Carbon     | 12-1  | 6382342 | 6213052 | 6209993 | 6268462 | 1.57   | cps   |
| Carbon     | 12-2  | 66175   | 64811   | 65296   | 65427   | 1.06   | cps   |
| Chlorine   | 35-1  | 100590  | 100590  | 98291   | 99824   | 1.33   | cps   |
| Chlorine   | 35-2  | 908     | 792     | 967     | 889     | 10.02  | cps   |
| Chromium   | 52-2  | 903     | 877     | 897     | 892     | 1.56   | cps   |
| Cobalt     | 59-2  | 243     | 170     | 133     | 182     | 30.74  | cps   |
| Copper     | 63-2  | 1850    | 1447    | 1133    | 1477    | 24.33  | cps   |
| Dysprosium | 156-1 | 17      | 25      | 0       | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 58      | 67      | 67      | 12.50  | cps   |
| Erbium     | 164-2 | 37      | 20      | 30      | 29      | 29.04  | cps   |
| Gadolinium | 160-1 | 75      | 33      | 42      | 50      | 44.10  | cps   |
| Gadolinium | 160-2 | 37      | 47      | 43      | 42      | 12.06  | cps   |
| Holmium    | 165-1 | 8102019 | 8566026 | 8033213 | 8233753 | 3.52   | cps   |
| Holmium    | 165-2 | 2729310 | 3527615 | 3268514 | 3175146 | 12.83  | cps   |
| Indium     | 115-1 | 7261394 | 7241945 | 7432466 | 7311935 | 1.43   | cps   |
| Indium     | 115-2 | 988791  | 1353348 | 1271139 | 1204426 | 15.88  | cps   |
| Iron       | 54-2  | 1072    | 1139    | 972     | 1061    | 7.91   | cps   |
| Iron       | 56-2  | 16397   | 11655   | 8442    | 12165   | 32.90  | cps   |
| Iron       | 57-2  | 444     | 378     | 350     | 391     | 12.42  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 3895    | 4138    | 3985    | 4006    | 3.06   | cps   |
| Lead       | 206-1 | 1433    | 1633    | 2534    | 1867    | 31.39  | cps   |
| Lead       | 207-1 | 1228    | 1372    | 2089    | 1563    | 29.51  | cps   |
| Lead       | 208-1 | 5434    | 6440    | 9941    | 7271    | 32.53  | cps   |
| Lithium    | 6-1   | 4871964 | 4701586 | 4836491 | 4803347 | 1.87   | cps   |
| Magnesium  | 24-2  | 3092    | 1742    | 1417    | 2084    | 42.64  | cps   |
| Manganese  | 55-2  | 670     | 407     | 250     | 442     | 48.00  | cps   |
| Molybdenum | 94-1  | 567     | 908     | 1625    | 1033    | 52.27  | cps   |
| Molybdenum | 95-1  | 583     | 850     | 2200    | 1211    | 71.57  | cps   |
| Molybdenum | 96-1  | 925     | 1342    | 2725    | 1664    | 56.63  | cps   |
| Molybdenum | 97-1  | 350     | 658     | 1342    | 783     | 64.79  | cps   |
| Molybdenum | 98-1  | 1050    | 1725    | 3976    | 2250    | 68.07  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 90      | 47      | 57      | 64      | 35.20  | cps   |
| Phosphorus | 31-2  | 150     | 67      | 108     | 108     | 38.46  | cps   |
| Potassium  | 39-2  | 21166   | 20857   | 20548   | 20857   | 1.48   | cps   |
| Rhodium    | 103-1 | 7031180 | 7226453 | 7089527 | 7115720 | 1.41   | cps   |
| Rhodium    | 103-2 | 2298532 | 3104893 | 2925086 | 2776170 | 15.25  | cps   |
| Scandium   | 45-1  | 5840292 | 5734653 | 5669223 | 5748056 | 1.50   | cps   |
| Scandium   | 45-2  | 154408  | 210250  | 198696  | 187785  | 15.70  | cps   |
| Selenium   | 82-1  | 179     | -101    | -8      | 23      | 610.73 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 100     | 94      | 93      | 96      | 3.96   | cps   |
| Silicon    | 28-1  | 425574  | 434298  | 427722  | 429198  | 1.06   | cps   |
| Silver     | 107-1 | 675     | 767     | 783     | 742     | 7.87   | cps   |
| Silver     | 109-1 | 600     | 642     | 742     | 661     | 11.01  | cps   |
| Sodium     | 23-2  | 30750   | 30967   | 27794   | 29837   | 5.94   | cps   |
| Strontium  | 86-1  | 6218    | 6318    | 6352    | 6296    | 1.10   | cps   |
| Strontium  | 88-1  | 250     | 717     | 1425    | 797     | 74.21  | cps   |
| Sulfur     | 34-1  | 214224  | 215443  | 211382  | 213683  | 0.98   | cps   |
| Terbium    | 159-1 | 8977620 | 8596747 | 8507590 | 8693986 | 2.87   | cps   |
| Terbium    | 159-2 | 2630786 | 3633964 | 3362316 | 3209022 | 16.17  | cps   |
| Thallium   | 203-1 | 758     | 983     | 1033    | 925     | 15.84  | cps   |
| Thallium   | 205-1 | 1792    | 1767    | 2567    | 2042    | 22.28  | cps   |
| Tin        | 118-1 | 567     | 833     | 1017    | 806     | 28.09  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB121221            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB50               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB50               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-05-12 17:00:04 | DataFile Name :   | 049CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 442      | 442      | 842      | 575      | 40.16  | cps   |
| Uranium   | 238-1 | 58       | 492      | 1217     | 589      | 99.38  | cps   |
| Vanadium  | 51-2  | 80       | 57       | 23       | 53       | 53.40  | cps   |
| Ytterbium | 172-1 | 42       | 67       | 42       | 50       | 28.87  | cps   |
| Ytterbium | 172-2 | 22       | 28       | 17       | 22       | 25.00  | cps   |
| Ytterbium | 176-1 | 1067     | 875      | 1017     | 986      | 10.08  | cps   |
| Ytterbium | 176-2 | 3339     | 4745     | 4362     | 4149     | 17.52  | cps   |
| Yttrium   | 89-1  | 12902783 | 12998768 | 12808969 | 12903506 | 0.74   | cps   |
| Yttrium   | 89-2  | 1272271  | 1702359  | 1622335  | 1532322  | 14.93  | cps   |
| Zinc      | 66-2  | 280      | 230      | 173      | 228      | 23.43  | cps   |
| Zirconium | 90-1  | 817      | 900      | 1583     | 1100     | 38.24  | cps   |
| Zirconium | 91-1  | 142      | 208      | 275      | 208      | 32.00  | cps   |